

## Product datasheet for TP509583

### Klhl8 (NM\_178741) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Description:                          | Purified recombinant protein of Mouse kelch-like 8 (Klhl8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species:                              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expression cDNA Clone or AA Sequence: | >MR209583 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MASESTNGKQARSHVTKGRRQYQHQQHQQQQQQQQVRSRSSVSECDGDDSFIFEANEAWKDFHGSLL<br>GFY<br>ENGELCDVTLKVGSKLISCHKLVLACVIPYFRAMFLSEMSEAKQALIEIRDFDGDAVEDLVKFVYSSRLT<br>LTVDNVQPLLYAACILQVELVARACCEYMQLHFHPSNCLAVRAFAESHNRIDLMDMADQYACEHFTEVVE<br>CEDFVSVSPQHLHKLLSSDLNIDSEKQVYSAAIKWLLANPQHHPKWLDETLAQVRLPLLPVDFLMGVVA<br>KEQIVKQNLKCRDLLDEARNYHLHLSSKPVPDFEYTVRTTPRKHTAGVLCVGGGRGGSGDPFRSIECYSI<br>NKNSWFFGPEMNSRRRHVGVISVEGKVYAVGGHDGNEHLGSMEMFDPLTNKWMMKASMNTKRRGIA<br>LASL<br>GGPIYAIGGLDDNTCFSDVERYDIESDQWSTVAPMNTPRGGVGSVALINHVVAVGGNDGVASLSSVERYH<br>PHLDKWIEVKEMGQRRAGNGVSELHGCLYVVGGFDDNSPLSSVERYDPRSNKWDYVAALTTPRGGVGIA<br>T<br>VMGKIFAVGGHNGNAYLNTVEAFDPVLNKWELVGPVSHCRAGAGVAVCDCLTSQIRDVGHGSTNVVDC<br>M<br><br><span style="color: red;">SGP</span> TRTRPLE <span style="color: green;">QKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-MYC/DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Predicted MW:                         | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |


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| <b>Storage:</b>      | Store at -80°C after receiving vials.                                                                                                                                                                                  |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                          |
| <b>RefSeq:</b>       | <u><a href="#">NP_848856</a></u>                                                                                                                                                                                       |
| <b>Locus ID:</b>     | 246293                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>   | <u><a href="#">P59280</a></u>                                                                                                                                                                                          |
| <b>RefSeq Size:</b>  | 3163                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b> | 5 50.45 cM                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>   | 1887                                                                                                                                                                                                                   |
| <b>Synonyms:</b>     | 2310001P09Rik; D5Ertd431e                                                                                                                                                                                              |
| <b>Summary:</b>      | Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex required for The BCR(KLHL8) ubiquitin ligase complex mediates ubiquitination and degradation of RAPSN. [UniProtKB/Swiss-Prot Function] |