

## Product datasheet for **TP313063**

### ALS2CL (NM\_182775) Human Recombinant Protein

#### Product data:

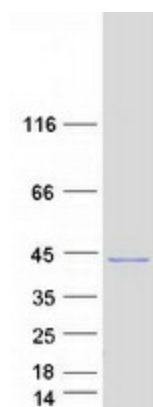
|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human ALS2 C-terminal like (ALS2CL), transcript variant 3, 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC213063 representing NM_182775<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|                                       | <p>MEDILEELLQHREPKALQLYLRKALSNSLHPLGKLLRTLMLTFQATYAGVVGANKHLQELAQEEVKQHAQE<br/>LWAAAYRGLLRVALERKQALEEDEDTETRDQLQVHGLVPLMLPSFYSELFLLYLLHEREDSFYSQGIAN<br/>LSLFPDTQLLEFLDVQKHLWPLKDLTLTSNQRYSLVRDKCFLSATECLQKIMTTVDPREKLEVLERTYGE<br/>IEGTVSRVLGREYKLPMDLLPLLIYVSRARIQHLGAEIHLIRDMMDPNHTGGLYDFLLTALESCYEHI<br/>QKEDMRLHRLPGHWHSRELW</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 34.8 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  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <a href="#">NP_877576</a>   |
| Locus ID:                             | 259173  |



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|                   |   |
|-------------------|---|
| UniProt ID:       | <a href="#">Q60I27</a>  |
| RefSeq Size:      | 3148  |
| Cytogenetics:     | 3p21.31   |
| RefSeq ORF:       | 900   |
| Synonyms:         | RN49018   |
| Summary:          | Acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the ALS2-mediated endosome dynamics.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome  |

### Product images:



Coomassie blue staining of purified ALS2CL protein (Cat# TP313063). The protein was produced from HEK293T cells transfected with ALS2CL cDNA clone (Cat# [RC213063]) using MegaTran 2.0 (Cat# [TT210002]).