

## Product datasheet for **TP306160M**

### DIRAS1 (NM\_145173) Human Recombinant Protein

#### Product data:

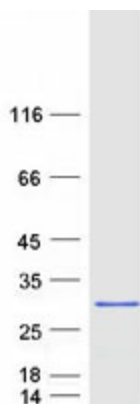
|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human DIRAS family, GTP-binding RAS-like 1 (DIRAS1), 100 µg  |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC206160 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|                                       | <br>MPEQSNDYRWWFGAGGVGKSSLVLRVFKGTFRDYIPTIEDTYRQVISCDSVCTLQITDTTGSHQFPA<br>MQRLSISKGHAFILVFSVTSKQSLEELGPIYKLIVQIKGSVEDIPVMLVGNKCDTQREVDTREAQVAQ<br>EWKCAFMETSAKMNYNVKELFQELLTLETRRNMSLNIDGKRSGKQKRTDRVKGKCTLM<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 22.1 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_660156</a>   |
| Locus ID:                             | 148252  |
| UniProt ID:                           | <a href="#">O95057</a>  |
| RefSeq Size:                          | 3412  |



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|               |  |
|---------------|--|
| Cytogenetics: | 19p13.3  |
| RefSeq ORF:   | 594  |
| Synonyms:     | Di-Ras1; GBTS1; RIG  |
| Summary:      | DIRAS1 belongs to a distinct branch of the functionally diverse Ras (see HRAS; MIM 190020) superfamily of monomeric GTPases.[supplied by OMIM, Apr 2004] |

### Product images:



Coomassie blue staining of purified DIRAS1 protein (Cat# [TP306160]). The protein was produced from HEK293T cells transfected with DIRAS1 cDNA clone (Cat# [RC206160]) using MegaTran 2.0 (Cat# [TT210002]).