

Product datasheet for TP303227M

Density Regulated Protein (DENR) (NM_003677) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human density-regulated protein (DENR), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203227 protein sequence Red =Cloning site Green =Tags(s) |
| | MAADISESSGADCKGDPRNSAKLDADYPLRVLYCGVCSLPTEYCEYMPDVAKCRQWLEKNFPNEFAKLTV ENSPKQEAGISEGQGTAGEEEEEKKQKRGGRGQIKQKKKTVPQKVTKIPIPRAKKKYVTRVCGLATFEID LKEAQRFFAQKFSCGASVTGEDEIIIQGDFTDDIIDVIQEKWPEVDDDSIEDLGEVKK |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 21.9 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: | <u>NP_003668</u> |
| Locus ID: | 8562 |
| UniProt ID: | <u>O43583</u> , <u>A0A024RBR3</u> |
| RefSeq Size: | 3061 |



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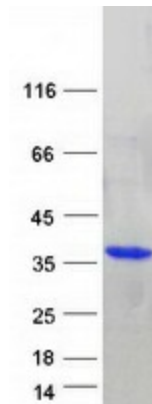
Cytogenetics: 12q24.31

RefSeq ORF: 594

Synonyms: DRP; DRP1; SMAP-3

Summary: This gene encodes a protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI1 have been found in mammals, insects, and plants. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DENR protein (Cat# [TP303227]). The protein was produced from HEK293T cells transfected with DENR cDNA clone (Cat# [RC203227]) using MegaTran 2.0 (Cat# [TT210002]).