

Product datasheet for TP317877L

DEF6 (NM_022047) Human Recombinant Protein

Product data:

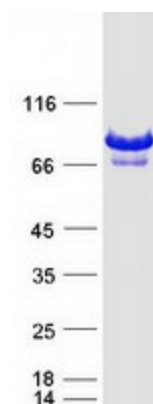
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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human differentially expressed in FDCP 6 homolog (mouse) (DEF6), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC217877 representing NM_022047 Red =Cloning site Green =Tags(s) <p>MALRKELLKSIWYAFTALDVEKSGKVSQSKVLSHNLTYVLHIPHDPVALEEHRDDDDGPVSSQGYMP YLNKYILDKVEEGAFVKEHFDLWCWTLTAKKNYRADSNGNSMLSNQDAFRLWCLFNFLSEDKYPLIMVPD EVEYLLKKVLSMSLEVLGELLELLAQEAQVAQTTGGLSVWQFLELFNSGRCLRGVGRDTLSMAIHEVY QELIQDVLKQGYLWKRGLRRNWAERWFQLPQPSCLCYFGSEECKEKRGIIPLDAHCCVEVLPDRDGKRCM FCVKTATRTYEMSASDTRQRQEWTAAIQMAIRLQAEGKTSLHKDLKQKRREQREQRERRRAAKEEELLRL QQLQEEKERKLQELLELLQEAQRQAERLLQEEEEERRRSQHRELQQALEGQLREAEQARASMQAEMELKEEE AARQRRIKELEEMQRLQEQALQLEVKARRDEESVRIAQTRLLEEEEEKQLMQLKEEQERYIERAQQE KEELQQEMAQQSRSLSLQQAQQQLLEEVQRNRQRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPPIEPGDKR PVTSSSFGSQPPLLAHRDSSLKRLTRWGSQGNRTPSPNSNEQQKSLNGGDEAPAPASTPQEDKLDPAPE N</p> TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 73.7 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. |



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| 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: | NP_071330 |
| Locus ID: | 50619 |
| UniProt ID: | Q9H4E7 |
| RefSeq Size: | 2320 |
| Cytogenetics: | 6p21.31 |
| RefSeq ORF: | 1893 |
| Synonyms: | IBP; SLAT; SWAP70L |
| Summary: | DEF6, or IBP, is a guanine nucleotide exchange factor (GEF) for RAC (MIM 602048) and CDC42 (MIM 116952) that is highly expressed in B and T cells (Gupta et al., 2003 [PubMed 12923183]).[supplied by OMIM, Mar 2008] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified DEF6 protein (Cat# [TP317877]). The protein was produced from HEK293T cells transfected with DEF6 cDNA clone (Cat# [RC217877]) using MegaTran 2.0 (Cat# [TT210002]).