

Product datasheet for TP317877

DEF6 (NM_022047) Human Recombinant Protein

Product data:

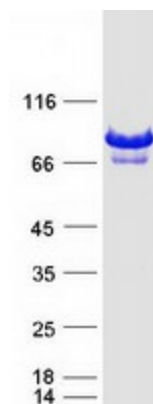
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human differentially expressed in FDCP 6 homolog (mouse) (DEF6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217877 representing NM_022047 Red=Cloning site Green=Tags(s) MALRKELLKSIWYAFTALDVEKSGKVSQSKVLSHNLTYVLHIPHDPVALEEHRDDDDGPVSSQGYMP YLNKYILDKVEEGAFVKEHFDELWCWTLTAKKNYRADSNGNSMLSNQDAFRLWCLFNFLSEDKYPLIMVPD EVEYLLKKVLSMSLEVLGELLELLAQEAQVAQTGGLSVWQFLELFNSGRCLRGVGRDTLSMAIHEVY QELIQDVLKQGYLWKRGLRRNWAERWFQLPQPSCLCYFGSEECKEKRGIIPLDAHCCVEVLPDRDGKRCM FCVKTATRTYEMSASDTRQRQEWTAAIQMAIRLQAEGKTSLHKDLKQKRREQREQRERRRAAKEEELLRL QQLQEEKERKLQELLELLQEAQRQAERLLQEEEEERRRSQHRELQQALEGQLREAEQARASMQAEMELKEEE AARQRRIKELEEMQQLQEQALQLEVKARRDEESVRIAQTRLLEEEEEKQLMQLKEEQERYIERAQQE KEELQQEMAQQSRSLSLQQAQQQLLEEVQRNRQRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPPIEPGDKR PVTSSSFSGFQPPLLAHRDSSLKRLTRWGSQGNRTPSPNSNEQQKSLNGGDEAPAPASTPQEDKLDPAPE N TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_071330</u>
Locus ID:	50619
UniProt ID:	<u>Q9H4E7</u>
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]).