

Product datasheet for PH317877

DEF6 (NM_022047) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEF6 MS Standard C13 and N15-labeled recombinant protein (NP_071330)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217877
Predicted MW:	73.7 kDa
Protein Sequence:	>RC217877 representing NM_022047 Red=Cloning site Green=Tags(s)

MALRKELLKSIWYFTALDVEKSGKVSQSLKVLSHNLTYVLHHPDVALEEHRDDDDGPVSSQGYMP
YLNKYILDKVEEGAFVKEHFDELWTLTAKKNYRADSNGNSMLSNQDAFRLWCLFNFLSEDKYPLIMVPD
EVEYLLKKVLSMSLEVSLGELEELLAQEAQVAQTGGLSVWQFLELFNSGRCLRGVGRDTLSMAIHEVY
QELIQDVLKQGYLWKRGLRRNWAERWFQLQPSCLCYFGSEECCKEKRGIIPLDAHCCVEVLPDRDGKRCM
FCVKTATRTEYMSASDTRQRQEWTAIIQMAIRLQAEKTSLHKDLKQKRREQRERRRAAKEEELLRL
QQLQEEKERKLQELLELQEAQRQAERLLQEEEERRRSQHRELQQALEGQLREAEQARASMQAEMELKEEE
AARQRRIKELEEMQQRLEALQLEVKARRDEESVRIAQTRLLEEEEEKQLQMLQLEEERYIERAQQE
KEELQEQMAQQSRSLQQAQQLEEVQRNRQRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPIEPGDKR
PVTSSSFSGFPPLLAHRDSSLKRLTRWGSQGNRTPSPNSNEQQKSLNGGDEAPAPASTPQEDKLDPAPE
N

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

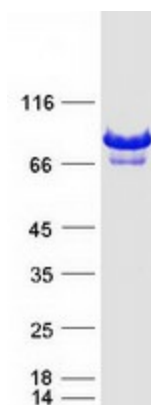
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_071330
RefSeq Size:	2320



[View online »](#)

RefSeq ORF:	1893
Synonyms:	IBP; SLAT; SWAP70L
Locus ID:	50619
UniProt ID:	Q9H4E7
Cytogenetics:	6p21.31
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]).