

Recombinant Human DEF6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEF6-4588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEF6 MS Standard C13 and N15-labeled recombinant protein (NP_071330) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DEF6, or IBP, is a guanine nucleotide exchange factor (GEF) for RAC and CDC42 that is highly expressed in B and T cells.
Molecular Mass	73.7 kDa
AA Sequence	MALRKELLKSIWYAFTALDVEKSGKVSQSLKVLSHNLYTVLHIPHDPVALEEHRDD DDGPVSSQGYMPYLNKYILDKVEEGAFVKEHFDELCWTLTAKKNYRADSNGNSMLS NQDAFRLWCLFNFLSEDKYPLIMVPDEVEYLLKKVLSSMSLEVSLGELEELLAQEAQ VAQTTGGLSVWQFLELFNSGRCLRGVGRDRTLMAIHEVYQELIQDVLKQGYLWKR HLRRNWAERWFQLQPSCLCYFGSEECKEKRGIIPLDAHCCVEVLPDRDGKRCMFC VKTATRTYEMSASDTRQRQEWTAAIQMAIRLQAEGKTSLHKDLKQKRREQREQRE RRRAAKEEELLRLQQLQEEKERKLQELELLQEAQRQAERLLQEEEEERRRSQHRELQ QALEGQLREAEQARASMQAEMELKEEEAARQRQRIKELEEMQQRLQEALQLEVKA RRDEESVRIAQTRLLEEEEEKLKQLMQLKEEQERYIERAQQEKEELQQEMAQQSRS LQQAQQQLEEVQRNRQRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPPIEPGD KRPVTSSSFSGFQPPLLAHRDSSLKRLTRWGSQGNRTSPNSNEQQKSLNGGDEA

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PAPASTPQEDKLD PAPENTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DEF6 DEF6 guanine nucleotide exchange factor [Homo sapiens (human)]
Official Symbol	DEF6
Synonyms	DEF6; differentially expressed in FDCP 6 homolog (mouse); differentially expressed in FDCP (mouse homolog) 6; differentially expressed in FDCP 6 homolog; IBP; SLAT; SWAP 70 like adaptor protein of T cells; SWAP70L; DEF-6; IRF4-binding protein; SWAP-70-like adaptor protein of T cells;
Gene ID	50619
mRNA Refseq	NM_022047
Protein Refseq	NP_071330
MIM	610094

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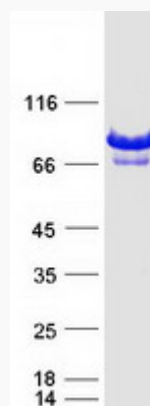
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UniProt ID

Q9H4E7

SDS-PAGE

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