

Recombinant Human DEF6 Protein, GST-tagged

Cat. No. DEF6-2516H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DEF6 full-length ORF (AAH17504, 1 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	62.7 kDa
AA Sequence	MALRKELLKSIWYAFTALDVEKSGKVSQSLKVLSHNLYTVLHIPHDPVALEEHFRDD DDGPVSSQGYMPYLNKYILDKVEEGAFVKEHFDELCWTLTAKKNYRADSNNGNSMLS NQDAFRLWCLFNFLSEDKYPLIMVPDEVEYLLKKVLSSMSLEVSLGELEELLAQEAQ VAQTTGGLSVWQFLELFNSGRCLRGVGRDTLSMAIHEVYQELIQDVLKQGYLWKR HLRRNWAERWFQLQPSCLCYFGSEECKEKRGIIPLDAHCCVEVLPDRDGKRCMFC VKTATRTRYEMSASDTRQRQEWTAAIQMAIRLQAEGKTSLHKDLKQKRREQREQR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

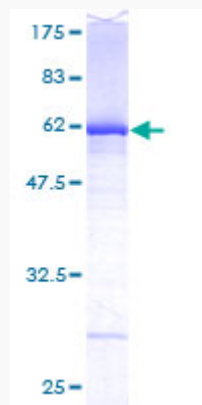
GENE INFORMATION

Gene Name	DEF6 differentially expressed in FDCP 6 homolog (mouse) [Homo sapiens]
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
UniProt ID	Q9H4E7

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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