

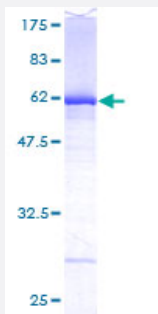
Full-Length

DEF6 (Human) Recombinant Protein (P01)

Catalog # H00050619-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DEF6 full-length ORF (AAH17504, 1 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALRKELLKSMWYAFTALDVEKSGKVSQKLVLSHNLYTVLHIPHDPVALEEHRDDDDGPVSS
QGYMPYLNKYLDKVEEGAFVKEHFDELCWLTAKKNYRADSNGNSMLSNQDAFRLWCLFNFLS
EDKYPLIMVPDEVEYLLKKVLSSMSLEVSLGELEELLAQEAQVAQTTGGLSVWQFLELFNSGRCL
RGVGRDTLSMAIHEVYQELIQDVLKQGYLWKRGHLLRRNWAERWFQLQPSCLCYFGSEECKEKR
GIPLDAHCCVEVLPDRDGKRCMFCVKATATRTYEMSASDTRQRQEWTAAIQMAIRLQAEGKTS
LHKDLKQKRREQREQR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.7

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DEF6

Entrez GeneID[50619](#)**GeneBank Accession#**[BC017504](#)**Protein Accession#**[AAH17504](#)**Gene Name**

DEF6

Gene Alias

IBP, SLAT

Gene Description

differentially expressed in FDCP 6 homolog (mouse)

Omim ID[610094](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

IRF4-binding protein|OTTHUMP00000016251|differentially expressed in FDCP 6 homolog

Disease

- [Birth Weight](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)