

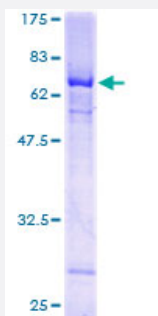
Full-Length

HSH2D (Human) Recombinant Protein (P01)

Catalog # H00084941-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HSH2D full-length ORF (AAH25237, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTEAGKLPLPLPPRLDWFVHTQMGLAQDGVPEWFHGAISREDAENLLESQPLGSFLIRVSHSH
VGYTLSYKAQSSCCHFVVKLLDDGTFMIPGEKVAHTSLDALVTFHQQKPIEPRRELLTQPCRQKD
PANVDYEDLFLYSNAVAEEAACPVSAPEEASPKPVLCHQSKERKPSAEMNRITTKEATSSCPPK
SPLGETRQKLWRSLKMLPERGQVRVQQQLKSHLATVNLSSLLDVRRSTVISGPGTGKGSQDHSGD
PTSGDRGYTDPCVATSLKSPSQPQAPKDRKVPTRKAERSVSCIEVTPGDRSWHQMVVRLSSQ
ESKPEHQGLAEPENDQLPEEYQQPPPFAPGYC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.46

Interspecies Antigen Sequence

Mouse (52); Rat (51)

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 — HSH2D

Entrez GeneID[84941](#)**GeneBank Accession#**[BC025237](#)**Protein Accession#**[AAH25237](#)**Gene Name**

HSH2D

Gene Alias

ALX, FLJ14886, HSH2

Gene Description

hematopoietic SH2 domain containing

Omim ID[608349](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

T-cell activation requires 2 signals: recognition of antigen by the T-cell receptor (see TCR; MIM 18 6880) and a costimulatory signal provided primarily by CD28 (MIM 186760) in naive T cells. HSH 2 is a target of both of these signaling pathways (Greene et al., 2003 [PubMed 12960172]).[supplied by OMIM]

Other Designations

adaptor in lymphocytes of unknown function X|hematopoietic SH2 protein

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)