

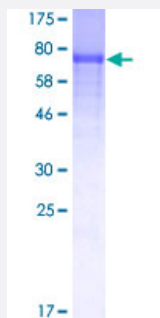
Full-Length

STAM2 (Human) Recombinant Protein (P01)

Catalog # H00010254-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STAM2 full-length ORF (AAH28740, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPLFTANPFEQDVEKATNEYNTTEDWSLIMDICDKVGSTPNGAKDCLKAIMKRVNHKVPHVALQA
LTLGACVANCCKIFHLEVCSRDFATEVRAVIKNAHPKVCEKLKSLMVEWSEEFQKDPQFSLIS
ATIKSMKEEGITFPAGSQTVSAAKNGTSSNKNKEDEIAKAIELSLQEQKQHTETKSLYPSSEI
QLNNKVARKVRALYDFEAVEDNELTFKHGEIIIVLDDSDANWWKGENHRGIGLFPSNFTTNLNIET
EAAAVDKLNVIDDDVEEIKKSEPEPVYIDEDKMDRALQVLQSIDPTDSKPDSQDLLDLEDICQQM
GPMIDEKLEEDRKHSELSELNKVLLEALELYNKLVNEAPVYSVSKLHPPAHYPPASSGVPMQTY
PVQSHGGNYMGQSIHQVTVAQSYSLGPDQIGPLRSLPPNVNSSVTAQPAQTSYLSGQDQTVSNPT
YMNQNSNLQSATGTTAYTQQMGMSVDMSSYQNTTSNLPQLAGFPVTVPAHPVAQQHTNYHQQP
LL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.49

Interspecies Antigen Sequence

Mouse (86); Rat (84)

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 — STAM2

Entrez GeneID	10254
GeneBank Accession#	BC028740
Protein Accession#	AAH28740
Gene Name	STAM2
Gene Alias	DKFZp564C047, Hbp, STAM2A, STAM2B
Gene Description	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2
Omim ID	606244
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is closely related to STAM, an adaptor protein involved in the downstream signaling of cytokine receptors, both of which contain a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). Similar to STAM, this protein acts downstream of JAK kinases, and is phosphorylated in response to cytokine stimulation. This protein and STAM thus are thought to exhibit compensatory effects on the signaling pathway downstream of JAK kinases upon cytokine stimulation. [provided by RefSeq]
Other Designations	Hrs-binding protein STAM-like protein containing SH3 and ITAM domains 2 signal transducing adaptor molecule 2

Pathway

- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)