Recombinant Human STAM2 protein, His & T7-tagged

Cat. No. STAM2-8128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAM2 aa. (Met1~Leu377 (Accession # O75886)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu377
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

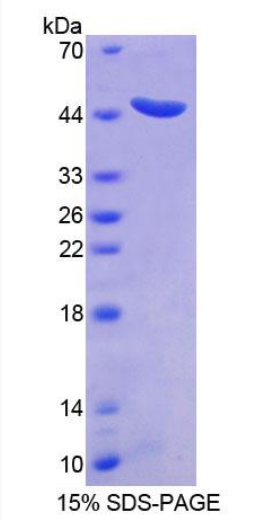
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Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	STAM2 signal transducing adaptor molecule 2 [Homo sapiens (human)]
Official Symbol	STAM2
Synonyms	Hbp; STAM2A; STAM2B; HSE1 homolog; Hrs-binding protein; STAM-2; STAM-like protein containing SH3 and ITAM domains 2; signal transducing adaptor molecule (SH3 domain and ITAM motif) 2; signal transducing adapter molecule 2
Gene ID	10254
mRNA Refseq	NM_005843.5

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Protein Refseq	NP_005834.4
UniProt ID	O75886
SDS-PAGE	

15% SDS-PAGE

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