

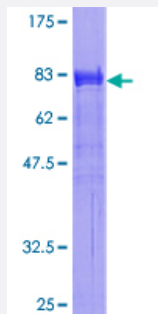
Full-Length

SH2B (Human) Recombinant Protein (P01)

Catalog # H00025970-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SH2B full-length ORF (AAH10704.1, 1 a.a. - 426 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVQRELLSFMGAEEAAPDPAGVGRGGGVAGPPSGGGGQPQWQKCRLLLRSEGEAGGGGSRL
EFFVPPKASRPRLSIPCSSITDVRTTTALEMPDRENTFVVKVEGPSEYIMETVDAQHVKAWSIDIQ
ECLSPGPCPATSPRPMPLAPGTSFLTRENTDSLELSCLNHSESLPSQDLLLGPSESNDRLSQ
GAYGGLSDRPSASISPSSASIAASHFDSMELLPELPPRIPIEGPPAGTVHPLSAPYPPLDTPETA
TGSFLFQGEPEGGEDQPLSGYPWFHGMRLKAAQLALTGGTGSFGVFLVRQSETRRGEYVL
TFNFQGKAKHLRLSLNEEGQCRVQHLWFQSFDMLEHFRVHPIPLESGGSSDVVLVSYPSSQR
QQGREQAGSHAGVCEGDGCHPDASCTLMPFGASDCVTDHLP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.8

Interspecies Antigen Sequence

Mouse (88); Rat (93)

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 — SH2B1

Entrez GeneID	25970
GeneBank Accession#	BC010704.1
Protein Accession#	AAH10704.1
Gene Name	SH2B1
Gene Alias	DKFZp547G1110, FLJ30542, KIAA1299, SH2-B, SH2B
Gene Description	SH2B adaptor protein 1
Omim ID	608937
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Other Designations	SH2 domain-containing putative adapter SH2-B SH2-B alpha signaling protein SH2-B gamma signaling protein SH2-B homolog

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Weight Gain](#)