

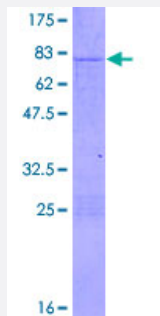
Full-Length

STAU2 (Human) Recombinant Protein (P01)

Catalog # H00027067-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STAU2 full-length ORF (NP_055208.1, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLQINQMFSVQLSLGEQTWESEGSSIKKAQQAVANKALTESTLPKPVQKPPKSNVNNNPGSITPT
VELNGLAMKRGEPAIYRPLDPKPFNYRANYNFRGMYNQRYHCPVPKIFYVQLTVGNNEFFGEGK
TRQAARHNAAMKALQALQNEPIPERSPQNGESGKDMDDDKDANKSEISLVFEIALKRNPVSFE
VIKESGPPHMKSFVTRVSVGEFSAEGEGNSKKLSKKRAATTVLQELKKLPPLPVVEKPKLFFKKR
PKTIVKAGPEYGGGMNPISRLAQIQQAKKEKEPDYVLLSERGMPPRRREFVMQVKVGNEVATGTG
PNKKIAKKNAAEAMLLQLGYKASTNLQDQLEKTGENKGWSGPKPGFPEPTNNTPKGILHLSPDVY
QEMEASRHKVISGTTGLYSPKDMNQPSSSFFSISPTSNSATIARELLMNGTSSTAEIGLKGSS
PTPPCSPVQPSKQLEYLARIQGFQV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.2

Interspecies Antigen Sequence

Mouse (95); Rat (94)

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 — STAU2

Entrez GeneID	27067
GeneBank Accession#	NM_014393.1
Protein Accession#	NP_055208.1
Gene Name	STAU2
Gene Alias	39K2, 39K3, DKFZp781K0371, MGC119606
Gene Description	stau2, RNA binding protein, homolog 2 (Drosophila)
Omim ID	605920
Gene Ontology	Hyperlink

Gene Summary	Staufen homolog 2 is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. Staufen homolog 2 shares 48.5% and 59.9% similarity with drosophila and human staufen, respectively. The exact function of Staufen homolog 2 is not known, but since it contains 3 copies of conserved dsRNA binding domain, it could be involved in double-stranded RNA binding events. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	stau2 homolog 2
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