

## Product datasheet for **TP762478**

### STAU2 (NM\_001164384) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human staufer, RNA binding protein, homolog 2 (Drosophila) (STAU2), transcript variant 6, full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of STAU2
Tag:	N-His
Predicted MW:	52.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001157856</a>
Locus ID:	27067
UniProt ID:	<a href="#">Q9NUL3</a> , <a href="#">A8K276</a> , <a href="#">Q4LE57</a>
RefSeq Size:	4225
Cytogenetics:	8q21.11
RefSeq ORF:	1437
Synonyms:	39K2; 39K3



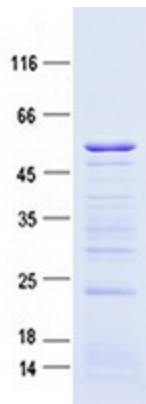
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**Summary:**

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, Aug 2009]

**Protein Families:**

Transcription Factors

**Product images:**

Purified recombinant protein STAU2 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.