

Recombinant Human STAU1 Protein, GST-tagged

Cat. No. STAU1-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STAU1 with a GST tag was expressed in E.coli.
Species	Human
Source	E.coli
Form	Powder
AA Sequence	GEGEGKSKKISKKNAAIAVLEELKKLPPLPAVERVKPRIKKKTKPIVKPQTSPEYGQGI NPISRLAQIQQAKKEKEPEYTLLTERGLPRRREFVMQVKVGNHTAEGTGNNKKVAK RNAAENMLEILGFKVPQAQPTKPALKSEEKTPIKKPGDGRKVTFEPGSGDENGTSN KEDEFMRMPYLSHQQLPAGILPMVPEVAQAVGVVSQGHHTKDFTRAAPNPAKATVTAM IARELLYGGTSPTAETILKNNISSGHVPHGPLTRPSEQLDYLSRVQGFQVEYKDFPN NKNEFVSLINCSSQPPLISHGIGKDVESCHDMAALNILKLLSELDQQSTEMPRTGNP MSVCGRC
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Applications	Blocking peptide
Storage	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder. Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Storage Buffer The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.). Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.

Reconstitution Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	STAU1
Official Symbol	STAU1 staufen double-stranded RNA binding protein 1 [Homo sapiens (human)]
Synonyms	STAU1; staufen double-stranded RNA binding protein 1; STAU; PPP1R150;
Gene ID	6780
mRNA Refseq	NM_004602
Protein Refseq	NP_004593
MIM	601716
UniProt ID	O95793

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