

Recombinant Human RPUSD4 protein, GST-tagged

Cat. No. RPUSD4-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPUSD4 protein(101-377 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	101-377 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	HQDKNLVVINKPYGLPVHGGPGVQLCITDVLPIAKMLHGHKAEPLHLCHRLDKETT GVMVLAWDKDMAHQVQELFRTRQVVKYWAITVHVPMPAGVVDIPIVEKEAQGG QQHHKMTLSPSYRMDGKMKVRRSRNAQVAVTQYQVLSSTLSSALVELQPITGIK HQLRVHLSFGLDCPILGDHKYSDWNRLAPQKLSVGTLLKGLGQSKARYIPLHLHAR QLILPALGSGKEELNLVCKLPRFFVHSLHRLRLEMPNEDQNENNEAKCLGAQ
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeat freeze-thaw cycles.

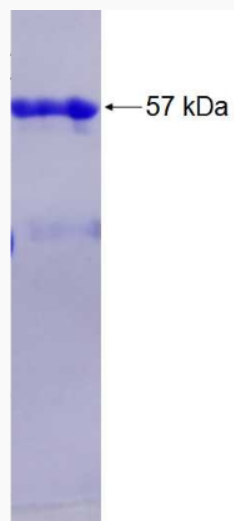
Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	RPUSD4 RNA pseudouridylate synthase domain containing 4 [Homo sapiens]
Official Symbol	RPUSD4
mRNA Refseq	NM_032795.2
Protein Refseq	NP_116184.2
UniProt ID	Q96CM3
Gene ID	84881

SDS-PAGE



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