

Recombinant Human SHANK3 protein, GST-tagged

Cat. No. SHANK3-301390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHANK3 (358-457 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met358-Ala457
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MLAGPSGLASPRPLQRSASDINLKGEAQAASPGPSLRSLPHQLLLQRLQEEKDRD RDADQESNISGPLAGRAGQSKISPSGGPGPGPAPGPGPAPPAPPA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 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

GENE INFORMATION

Gene Name	SHANK3 SH3 and multiple ankyrin repeat domains 3 [Homo sapiens]
Official Symbol	SHANK3
Synonyms	SHANK3; SH3 and multiple ankyrin repeat domains 3; SH3 and multiple ankyrin repeat domains protein 3; KIAA1650; proline rich synapse associated protein 2; prosap2; PSAP2; shank postsynaptic density protein; SPANK 2; SCZD15; PROSAP2; SPANK-2; DEL22q13.3;
Gene ID	85358
mRNA Refseq	NM_033517
Protein Refseq	NP_277052
MIM	606230
UniProt ID	Q9BYB0

 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