

Recombinant Human TRAK1 protein, GST-tagged

Cat. No. TRAK1-301591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAK1 (1-133 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Cys133
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	MSLRDKGGEEECFEYDCQDEERKPTRHQHDTQDLLEEVLCAERVGQMTKTYNDID AVTRLLEEKERDLELAARIGQSLLKKNKTLTERNELLEEQVEHIREEVSQRLHEL SMK DELLQFYTSAAEESEPESVC
Purity	85%, 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.

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GENE INFORMATION

Gene Name	TRAK1 trafficking protein, kinesin binding 1 [Homo sapiens]
Official Symbol	TRAK1
Synonyms	TRAK1; trafficking protein, kinesin binding 1; trafficking kinesin-binding protein 1; KIAA1042; MILT1; milton homolog 1 (Drosophila); O linked N acetylglucosamine transferase interacting protein 106; OGT(O Glc NAc transferase) interacting protein 106 KDa; OIP106; milton homolog 1; 106 kDa O-GlcNAc transferase-interacting protein; OGT(O-Glc-NAc transferase)-interacting protein 106 KDa; O-linked N-acetylglucosamine transferase interacting protein 106;
Gene ID	22906
mRNA Refseq	NM_001042646
Protein Refseq	NP_001036111
MIM	608112
UniProt ID	Q9UPV9

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