

Recombinant Human PEO1 protein, GST-tagged

Cat. No. PEO1-301650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PEO1 (154-506 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu154-Lys506
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	LVRPGDQQPRPLEALNGGFNLSRILRTALPAWHKSIVSFRQLREEVLGELSNVEQAA GLRWSRFPDLNRILKGHRKGELTVFTGPTGSGKTTFISEYALDLC SQGVNTLWGSFE ISNVRLARVMLTQFAEGRLEDQLDKYDHWADRFEDLPLYFMTFHGQQSIRTVIDTM QHAVYVYDICHVIIDNLQFMMGHEQLSTDRIAAQDYIIGVFRKFATDNNCHVTLVHPR KEDDDKELQTASIFGSAKASQEADNVLILQDRKLVTPGPKRYLQVSKNRFDGDVGV FPLEFNKNSLTFSIPPKNKARLKKIKDDTGPVAKKPSSGKKGATTQNSEICSGQAPTP DQPDTSKRSK
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.

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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.

GENE INFORMATION

Gene Name	TWNK twinkle mtDNA helicase [Homo sapiens (human)]
Official Symbol	TWNK
Synonyms	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7; PRLTS5; C10orf2
Gene ID	56652
mRNA Refseq	NM_001163812
Protein Refseq	NP_001157284
MIM	606075
UniProt ID	Q96RR1

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