

Recombinant Human ERLEC1 protein, GST-tagged

Cat. No. ERLEC1-5654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERLEC1 protein(34-185 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	34-185 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	LPQLSDDIPFRVNWPGTEFSLPTTGVLYKEDNYVIMTTAHKEKYKCILPLVTSGDEEE EKDYKGPNPRELLEPLFKQSSCSYRIESYWTYEVCHGKHIRQYHEEKETGQKINIHE YYLGNMLAKNLLFEKEREAEKEKSNEIPTKNIEGQM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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 repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [ERLEC1 endoplasmic reticulum lectin 1 \[Homo sapiens \]](#)

Official Symbol [ERLEC1](#)

Synonyms ERLEC1; endoplasmic reticulum lectin 1; C2orf30, chromosome 2 open reading frame 30; CL25084; ERLECTIN; erlectin 1; XTP3 B; XTP3TPB; ER lectin; XTP3-transactivated protein B; XTP3-transactivated gene B protein; cancer invasion and metastasis-related; CIM; XTP3-B; C2orf30; CL24936;

Gene ID [27248](#)

mRNA Refseq [NM_001127397](#)

Protein Refseq [NP_001120869](#)

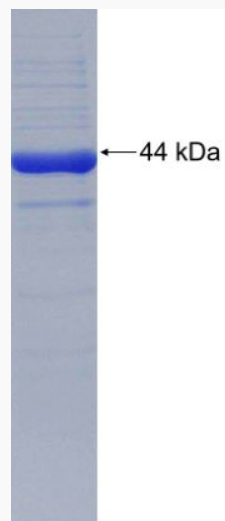
MIM [611229](#)

UniProt ID [Q96DZ1](#)

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SDS-PAGE

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