

Recombinant Human EXT1 protein, His-tagged

Cat. No. EXT1-2682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXT1 protein(435-573 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	435-573 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	FKHISRNSLIWNKHPGGLFVLPQYSSYLGDFFPYYYANLGLKPPSKFTAVIHAVTPLVS QSQPVLKLLVAAAKSQYCAQIIVLWNC DKPLPAKHRWPATAVPVVVIEGESKVMSSR FLPYDNIITDAVLSLDEDTVLTST
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name EXT1 exostosin 1 [Homo sapiens]

Official Symbol EXT1

Synonyms

EXT1; exostosin 1; exostoses (multiple) 1 , Langer Giedion syndrome chromosome region , LGCR, LGS; exostosin-1; Glucuronosyl N acetylglucosaminyl proteoglycan 4 alpha N acetylglucosaminyltransferase; N acetylglucosaminyl proteoglycan 4 beta glucuronosyltransferase; ttv; exostoses (multiple) 1; multiple exostoses protein 1; putative tumor suppressor protein EXT1; Langer-Giedion syndrome chromosome region; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; EXT; LGS; TTV; LGCR; TRPS2;

Gene ID 2131

mRNA Refseq NM_000127

Protein Refseq NP_000118

MIM 608177

UniProt ID Q16394

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