

Recombinant Human EXT1 protein, His-tagged

Cat. No. EXT1-3274H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXT1 protein(36-330 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	36-330 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	RREEHSGRNLHHPSPDHFWRFPDALRPFVPWDQLENEDSSVHISPRQKRDANS SIYKGKKCRMESCFDFTLCKKNGFKVYVYPQQKGKIAESYQNILAAIEGSRFYTS SDP SQACLFVLSLDTLDRDQLSPQYVHNLRSKVQSLHLWNNGRNHLIFNLYSGTWP DYT EDVGFDIGQAMLAKASISTENFRPNFDVSIPLFSKDHPRTGGGERGFLKFNTIP PLRKY MLVFKGKRYLTGIGSDTRNALYHVHNGEDVLLTTCKHKGDWQKHKDSRCD RDNT EYEKYDYREMLHN
Purity	85%, 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

 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

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
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

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UniProt ID

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