

Recombinant Human EXT2 Protein, His-tagged

Cat. No. EXT2-1446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXT2 Protein (Pro47-Phe253) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro47-Phe253
Description	This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2 kDa Accurate Molecular Mass: 30 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

EXT2 exostosin 2 [Homo sapiens (human)]

Official Symbol

EXT2

Synonyms

EXT2; exostosin 2; exostoses (multiple) 2; exostosin-2; Glucuronosyl N acetylglucosaminyl proteoglycan 4 alpha N acetylglucosaminyltransferase; N acetylglucosaminyl proteoglycan 4 beta glucuronosyltransferase; SOTV; multiple exostoses protein 2; putative tumor suppressor protein EXT2; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase;

Gene ID

2132

mRNA Refseq

NM_000401

Protein Refseq

NP_000392

MIM

608210

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UniProt ID

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