

Recombinant Full Length Human EXT2 Protein, GST-tagged

Cat. No. EXT2-4447HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EXT2 full-length ORF (NP_000392.1, 1 a.a. - 718 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	718 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	108.7 kDa
AA Sequence	MCASVKYNIRGPALIPRMKTKHRIYYITLFSIVLLGLIATGMFQFWPHSIESSNDWNVE KRSIRDVPVVRLPADSPIPERGDLSCRMHTCFDVYRCGFNPKNKIKVYIYALKKYVDD FGVSVSNTISREYNELLMAISDSDDYTTDDINRACLFVPSIDVLNQNTLRIKETAQAMA QLSRWDRGTNHLLFNMLPGGPPDYNTALDVPRDRALLAGGGFSTWTYRQGYDVSI PVYSPLSAEVDLPEKGPGRQYFLLSSQVGLHPEYREDLEALQVKHGESVLVLDKC TNLSEGVLSVRKRCHKHQVFDYPQVLQEATFCVVLRGARLGQAVLSDVLQAGCVPV VIADSYILPFSEVLDWKRASVVVPEEKMSDVYSILQSIPQRQIEEMQRQARWFEAY FQSIKAIALATLQIINDRIYPYAAISYEEWNDPPAVKWGSVSNPLFLPLIPPQSQGFTAI VLTYDRVESLFRVITEVSKVPSLSKLLVWVNNQNKNPPEDSLWPKIRVPLKVVRTAE

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NKLSNRFFPYDEIETEAVLAIDDDIIMLTSDDELQFGYEVWREFPDRLVGYPGRLHLWD
HEMNKWKYESEWTNEVSMVLTGAAFYHKYFNLYTYKMPGDIKNWVDAHMCNCDI
AMNFLVANVTGKAVIKVTPRKKFKCPECTAIDGLSLDQTHMVERSECINKFASVFGT
MPLKVVEHRADPVLYKDDFPEKLKSFPNIGSL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name EXT2 exostosin 2 [Homo sapiens]

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

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mRNA Refseq	NM_000401
Protein Refseq	NP_000392
MIM	608210
UniProt ID	Q93063

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