

Recombinant Human EXT2 Protein, GST-tagged

Cat. No. EXT2-3585H **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	Wheat Germ
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 FGVSVSNTISREYNELLMAISDSYYTDDINRACLFVPSIDVLNQNTLRIKETAQAMA QLSRWDRGTNHLLFNMLPGGPPDYNTALDVPRDRALLAGGGFSTWYRQGYDVSI PVYSPLSAEVDLPEKGPGRQYFLLSSQVGLHPEYREDLEALQVKHGESVLVLDKC TNLSEGVLSVRKRCHKHQVFDYPQVLQEATFCVVLRGARLGQAVLSDVLQAGCVPV VIADSYILPFSEVLDWKRASVVVPEEKMSDVYSILQSIPQRQIEEMQRQARWFEAY FQSIKAIALATLQIINDRIYPYAAISYEEWNDPPAVKWGSVSNPLFLPLIPPQSQGFTAI VLTYDRVESLFRVITEVSKVPSLSKLLVWVNNQNKNPEDSLWPKIRVPLKVVRTAE NKLSNRFFPYDEIETEAVLAIDDDIIMLTSDDELQFGYEVWREFPDRLVGYPGRLHLWD

 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

HEMNKWKYESEWTNEVSMVLTGAIFYHKYFNYLYTYKMPGDIKNWVDAHMCNCDI
AMNFLVANVTGKAVIKVTPRKKFKCPECTAIDGLSLDQTHMVERSEKINKFASVFGT
MPLKVVEHRADPVLYKDDFPEKLKSPNIGSL

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

 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

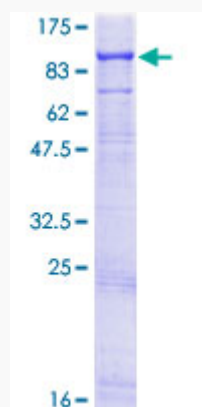
mRNA Refseq NM_000401

Protein Refseq NP_000392

MIM 608210

UniProt ID Q93063

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 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