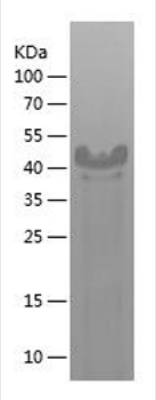
EXT2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	EXT2, Recombinant Protein
Full Product Name	Recombinant Human EXT2
Product Gene Name	EXT2 recombinant protein
Product Synonym Names	exostoses (multiple) 2; Exostosin 2; EXT2; Multiple exostoses protein 2; SOTV
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH7.4
Purity/Purification	Greater than 95%, determined by SDS-PAGE
Preparation and Storage	The lyophilized protein is stable at -20°C for up to 1 year. The protein solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months. Avoid repeated freeze/thaw cycles.
Molecular Weight	26 kDa under reducing conditions
Sequence Positions	46-264
OMIM	133701
3D Structure	ModBase 3D Structure for Q93063
Species	Human
Tag	N-terminal His Tag
Reconstitution	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, do not vortex.
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for EXT2 recombinant protein	MBS7613776 is a recombinant protein targeting EXT2. Also known as Recombinant Human EXT2. Host: E Coli.
Other Notes	Small volumes of EXT2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-PAGE of EXT2 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EXT2. It may not necessarily be applicable to this product.

NCBI GI #	296010873
NCBI GeneID	2132
NCBI Accession #	NP_000392
UniProt Primary Accession #	Q93063
UniProt Secondary Accession #	O15288; B2R5Z6; C9JU51; J3KPT2
UniProt Related Accession #	Q93063
GenBank Nucleotide #	NM_000401
NCBI Official Full Name	exostosin-2 isoform 1
NCBI Official Synonym Full Names	exostosin glycosyltransferase 2
NCBI Official Symbol	EXT2
NCBI Official Synonym Symbols	SOTV
UniProt Protein Name	Exostosin-2
UniProt Synonym Protein Names	Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; Multiple exostoses protein 2; Putative tumor suppressor protein EXT2
Protein Family	Exostosin
UniProt Gene Name	EXT2
UniProt Entry Name	EXT2_HUMAN
NCBI Protein Information	exostosin-2; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; multiple exostoses protein 2; putative tumor suppresso
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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