

Recombinant Human XYLT2 Protein (Phe596-Arg865), N-His tagged

Cat. No. XYLT2-5467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human XYLT2 (Phe596-Arg865) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe596-Arg865
Description	The protein encoded by this gene is an isoform of xylosyltransferase, which belongs to a family of glycosyltransferases. This enzyme transfers xylose from UDP-xylose to specific serine residues of the core protein and initiates the biosynthesis of glycosaminoglycan chains in proteoglycans including chondroitin sulfate, heparan sulfate, heparin and dermatan sulfate. The enzyme activity, which is increased in scleroderma patients, is a diagnostic marker for the determination of sclerotic activity in systemic sclerosis. Alternatively spliced transcript variants have been found for this gene.
Form	Lyophilized powder/frozen liquid
Molecular Mass	32.53 kDa
Purity	> 90 % as determined by SDS-PAGE

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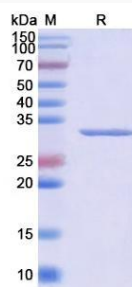
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	XYLT2 xylosyltransferase 2 [Homo sapiens (human)]
Official Symbol	XYLT2
Synonyms	XYLT2; xylosyltransferase 2; SOS; XT2; XT-II; PXYLT2; xylT-II; xylosyltransferase 2; UDP-D-xylose:proteoglycan core protein beta-D-xylosyltransferase; peptide O-xylosyltransferase 1; protein xylosyltransferase 2; xylosyltransferase II; EC 2.4.2.26
Gene ID	64132
mRNA Refseq	NM_022167
Protein Refseq	NP_071450
MIM	608125
UniProt ID	Q9H1B5

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SDS-PAGE



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