

Recombinant Full Length Human UXS1 Protein, GST tagged

Cat. No. UXS1-3639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UXS1 full-length ORF (NP_079352.2, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	Full Length
Description	This gene encodes an enzyme found in the perinuclear Golgi which catalyzes the synthesis of UDP-xylose used in glycosaminoglycan (GAG) synthesis on proteoglycans. The GAG chains are covalently attached to proteoglycans which participate in signaling pathways during development. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	74 kDa
AA Sequence	MVSKALLRLVSAVNRRRMKLLLGIALLAYVASVWGNFVNMRSIQENGELKIESKIEEM VEPLREKIRDLEKSFTQKYPPVKFLSEKDRKRILITGGAGFVGSHLTDKLMMDGHEVT VVDNFFTGRKRNVEHWIGHENFELINHDVVEPLYIEVDQIYHLASPASPPNYMYNPIK TLKTNITIGTLNMLGLAKRVGARLLLASTSEVYGDPEVHPQSEDYWGHVNPIGPRACY DEGKRVAETMCYAYMKQEGVEVRVARIFNTFGPRMHMNDGRVVSNFILQALQGEP LTVYGSQSQTRAFQYVSDLVNLVALMNSNVSSPVNLGNPEEHTILEFAQLIKNLVG SGSEIQFLSEAQDDPQKRKPDIKKAKLMLGWEPVPLEEGLNKAIHYFRKELEYQAN NQYIPKPKPARIKKGRTRHS

 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

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

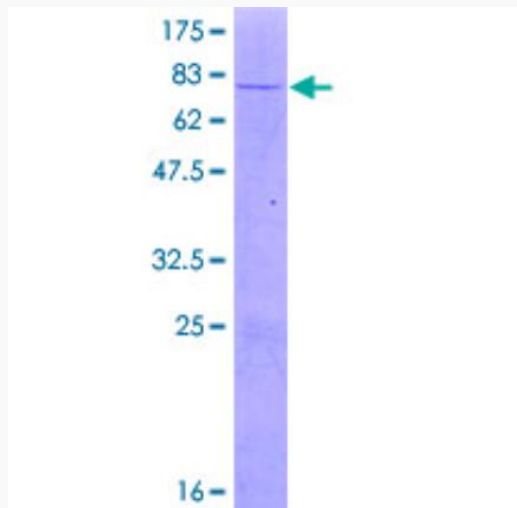
Gene Name	UXS1 UDP-glucuronate decarboxylase 1 [Homo sapiens (human)]
Official Symbol	UXS1
Synonyms	UXS1; UDP-glucuronate decarboxylase 1; UGD; hUXS; hUXS1; SDR6E1; UDP-glucuronic acid decarboxylase 1; UXS-1; short chain dehydrogenase/reductase family 6E, member 12; EC 4.1.1.35
Gene ID	80146
mRNA Refseq	NM_025076
Protein Refseq	NP_079352
MIM	609749
UniProt ID	Q8NBX3

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**Quality Control
Testing**



12.5 % SDS-PAGE Stained with Coomassie Blue.

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