

Recombinant Full Length Human UXS1 Protein, Flag tagged

Cat. No. UXS1-3640H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein of human UDP-glucuronate decarboxylase 1 (UXS1) with C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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	47.4 kDa
AA Sequence	MVSKALLRLVSAVNRRRMKLLLGIALLAYVASVWGNFVNMRSIQENGELKIESKIEEM VEPLREKIRDLEKSFTQKYPPVKFLSEKDRKRILITGGAGFVGSHTDKLMMMDGHEVT VVDNFFTGRKRNVHEHWIGHENFELINHVDVVEPLYIEVDQIYHLASPASPPNYMYPNIK TLKTNITIGTLNMLGLAKRVGARLLLASTSEVYGDPEVHPQSEYWGHNPIGPRACY DEGKRVAETMCYAYMKQEGVEVRVARIFNTFGPRMHMNDGRVVSFILQALQGEP LTVYGSQSQTRAFQYVSDLVNGLVALMNSNVSSPVNLGNPEEHTILEFAQLIKNLVG SGSEIQFLSEAQDDPQKRKPKDIKKAKLMLGWEPVPLEEGLNKAIHYFRKELEYQAN NQYIPKPKPARIKKGRTRHSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80 % as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10 % glycerol
Full Length	Full L.

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

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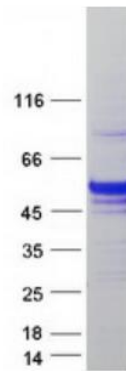
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UniProt ID

Q8NBX3

SDS-PAGE



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