

Product datasheet for TP303354

UXS 1 (UXS1) (NM_025076) Human Recombinant Protein

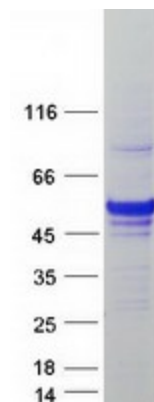
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UDP-glucuronate decarboxylase 1 (UXS1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203354 protein sequence Red =Cloning site Green =Tags(s) MVSKALLRLVSAVNRRRMKLLGLIALLAYVASVWGNFVNMRSIQENGELKIESKIEEMVEPLREKIRDLE KSFTQKYPPVKFLSEKDRKRILITGGAGFVGSHLTDKLMMDGHEVTVDNFFTGRKRNV EHWIGHENFEL INHDVVEPLYIEVDQIYHLASPPNYMYPNIKTLKTNLTIGTLNMLGLAKRVGARLLLASTSEVYGDPE VHPQSEDYWGWHVNPIGPRACYDEGKRAETMCYAYMKQEGVEVRVARIFNTFGPRMHMNDGRVVSFILQ ALQGEPLTVYSGSGSQTRAFQYVSDLVNLVALMNSNVSSPVNLGNPEEHTILEFAQLIKNLVSGSGSEIQF LSEAQDDPQKRKPDIKKAKLMLGWEPVVPLEEGLNKAIHYFRKELEYQANNQYIPKPKPARIKKGRTRHS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	47.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079352</u>
Locus ID:	80146


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UniProt ID:	<u>Q8NBZ7</u>
RefSeq Size:	2102
Cytogenetics:	2q12.2
RefSeq ORF:	1260
Synonyms:	SDR6E1; UGD
Summary:	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. [provided by RefSeq, Dec 2014]
Protein Families:	Transmembrane
Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Metabolic pathways, Starch and sucrose metabolism

Product images:



Coomassie blue staining of purified UXS1 protein (Cat# TP303354). The protein was produced from HEK293T cells transfected with UXS1 cDNA clone (Cat# [RC203354]) using MegaTran 2.0 (Cat# [TT210002]).