

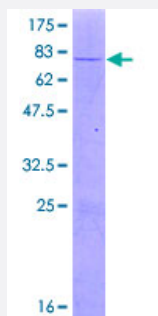
Full-Length

UXS1 (Human) Recombinant Protein (P01)

Catalog # H00080146-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UXS1 full-length ORF (NP_079352.2, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVSKALLRLVSAVNRRRMKLLLGIALLAYVASVWGNFVNMRSIQENGELKIESKIEEMVEPLREKIR
DLEKSFTQKYPPVKFLSEKDRKRLITGGAGFVGSHLTDKLMMDGHEVTVDNFFTGRKRNVHEHW
IGHENFELINHDVVEPLYEVDQIYHLASPPNYMYPNIKTLKTNITIGTLNMLGLAKRVGARLLLAS
TSEVYGDPEVHPQSEDYWGHVNPIGPRACYDEGKRVAETMCYAYMKQEGVEVRVARIFNTFGPR
MHMNDGRVVSFILQALQGEPLTVYSGSQTRAFQYVSDLVNLGLVALMNSNVSSPVNLGNPEEH
TILEFAQLIKNLVGSGSEIQFLSEAQDDPQKRKPDIKKAKLMLGWEPVVPLEEGLNKAIHYFRKELE
YQANNQYIPKPKPARIKKGRTRHS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74

Interspecies Antigen Sequence

Mouse (98); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UXS1

Entrez GeneID	80146
GeneBank Accession#	NM_025076.3
Protein Accession#	NP_079352.2
Gene Name	UXS1
Gene Alias	FLJ23591, SDR6E1, UGD
Gene Description	UDP-glucuronate decarboxylase 1
Omim ID	609749
Gene Ontology	Hyperlink
Gene Summary	UDP-glucuronate decarboxylase (UGD; EC 4.1.1.35) catalyzes the formation of UDP-xylose from UDP-glucuronate. UDP-xylose is then used to initiate glycosaminoglycan biosynthesis on the core protein of proteoglycans.[supplied by OMIM]
Other Designations	short chain dehydrogenase/reductase family 6E, member 12

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)