

Product datasheet for **TP762211**

uronyl 2 sulfotransferase (UST) (NM_005715) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human uronyl-2-sulfotransferase (UST), Thr135-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Thr135-End) of UST
Tag:	N-His
Predicted MW:	32.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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:	NP_005706
Locus ID:	10090
UniProt ID:	Q9Y2C2
RefSeq Size:	4396
Cytogenetics:	6q25.1
RefSeq ORF:	1218
Synonyms:	2OST
Summary:	Uronyl 2-sulfotransferase transfers sulfate to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate (Kobayashi et al., 1999 [PubMed 10187838]).[supplied by OMIM, Mar 2008]

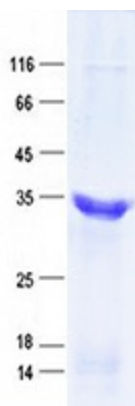


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Protein Families: Transmembrane

Protein Pathways: Chondroitin sulfate biosynthesis

Product images:



Purified recombinant protein UST was analyzed by SDS-PAGE gel and Coomassie Blue Staining.