

## Product datasheet for **TP507903**

### Ugdh (NM\_009466) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse UDP-glucose dehydrogenase (Ugdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207903 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVEIKKICIGAGYVGGPTCSVIAHMCPEIRVTVVDVNEARINAWNSPTLPIYEPGLKEVESCRCGKNLF  
FSTNIDDAIREADLVFISVNTPTKTYGMGKGRAADLKYIEACARRIVQNSNGYKIVTEKSTVPVRAAESI  
RRIFDANTKPNLNLQVLSNPEFLAEGTAIKDLKNPDRVLIGGDETPEGQKAVRALCAVYEHWVPKEKILT  
TNTWSSSELSKLAANAFLAQRISINSISALCEATGADVVEEVATAIGMDQRIGNKFLKASVGFGGSCFQKD  
VLNLVYLCEALNLPVARYWQQVIDMNDYQRRRFASRIIDSLFNTVTDKKIAILGFAFKKDTGDTRESSS  
IYISKYLMDEGAHLHIYDPKVPREQIVVDLSHPGVSADDQVSRLVTISKDPYEACDGAHALVICTEWD MF  
KELDYERIHKKMLKPAFIFDGRRLDGLHSELQTIGFQIETIGKKVSSKRIPYTPGEIPKFSLQDPPNKK  
PKV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	54.8 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
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 after receiving vials.
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:	<a href="#">NP_033492</a>



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Locus ID:	22235
UniProt ID:	<a href="#">O70475</a> , <a href="#">Q3TS38</a>
RefSeq Size:	2461
Cytogenetics:	5 33.67 cM
RefSeq ORF:	1482
Synonyms:	Udpgdh
Summary:	Catalyzes the formation of UDP-alpha-D-glucuronate, a constituent of complex glycosaminoglycans (PubMed:9737970). Required for the biosynthesis of chondroitin sulfate and heparan sulfate. Required for embryonic development via its role in the biosynthesis of glycosaminoglycans (PubMed:14505572).[UniProtKB/Swiss-Prot Function]