

## Product datasheet for **TP506293**

### Gcnt2 (NM\_133219) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (Gcnt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206293 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)  MSLRGKVFVAVSALS SVIFVVFYHSQSLP NLYQQLNSSERTSVTICDYGLQNHTFFTTGDTSPHPLERL SCPQYRIQSHYITSPLEEEAAFP LAYIMVIHKDFD TFERLFRAIYMPQNVYCVHVD SKATDTFKEAVRQ LLSCFPNAFLASKVEQVYGGFSRLQADLNCMKDLVASKVPWKYVLN TCGQDFPLKTNKEIINH LKRFKG KNITPGVLP P PAYIVVRTKYVHQERK GKDG YFMHKTNILKTPPPHQLIIYFGTAYVALTRDFVNFILN DER AIALLEWSKDTYSPDEHFWVTLNRIPGVPGSMPPNASWTGNLRAVKWMDMEAKHGGCHGHYVHGIC IYGN GDLQWLINSQSLFANKFELNTYPLTVECLELRLRERTLNQSEIAIQPSWYF  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	46 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_573482</a>
Locus ID:	14538
UniProt ID:	<a href="#">Q7TPQ8</a>



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RefSeq Size: 4021

Cytogenetics: 13 20.12 cM

RefSeq ORF: 1206

Synonyms: 5330430K10Rik; IGnT; IGnTA; IGnTB; IGnTC

**Summary:** Branching enzyme that converts linear into branched poly-N-acetyllactosaminoglycans. Introduces the blood group I antigen during embryonic development. It is closely associated with the development and maturation of erythroid cells.[UniProtKB/Swiss-Prot Function]