

Product datasheet for TP506899

Cmas (NM_009908) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytidine monophospho-N-acetylneuraminic acid synthetase (Cmas), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206899 representing NM_009908 Red =Cloning site Green =Tags(s)
	<p>MDALEKGAATSGPAPRGRPSRGRPPKLQRSRGAGRGLEKPPHLAALVLARGGSKGIPLKNIKRLAGVPLI GWVLRALDAGVFQSVVWSTDHDEIENVAKQFGAQVHRRSSETS KDSSTSLDAIVEFLNYHNEVDIVGNI QATSPCLHPTDLQKVAEMIREEGYDSVFSVRRHQFRWSEIQKGVREVTEPLNLNPAKRPRRQDWDGELY ENGSFYFAKRHLIEMGYLQGGKMAYYEMRAEHSV D I D V D I D W P I A E Q R V L R F G Y F G K E K L K E I K L L V C N I DGCLTNGHIYVSGDQKEIISYDVKDAIGISLLKKSGIEVRLISERACSKQTL S A L K L D C K T E V S V S D K L A TVDEWRKEMGLCWKEVAYLGNV S D E E C L K R V G L S A V P A D A C S G A Q K A V G Y I C K C S G G R G A I R E F A E H I F LLIEKVNNSCQK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48 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:	NP_034038
Locus ID:	12764



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UniProt ID: [Q99KK2](#), [A0A0R4J0B4](#)

RefSeq Size: 1760

Cytogenetics: 6 74.66 cM

RefSeq ORF: 1296

Synonyms: AW208911; CMPNeu5Ac; D6Bwg0250e

Summary: Catalyzes the activation of N-acetylneuraminic acid (NeuNAc) to cytidine 5'-monophosphate N-acetylneuraminic acid (CMP-NeuNAc), a substrate required for the addition of sialic acid. Has some activity toward NeuNAc, N-glycolylneuraminic acid (Neu5Gc) or 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN).[UniProtKB/Swiss-Prot Function]