Recombinant Human CMAS protein, GST-tagged

Cat. No. CMAS-301273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CMAS (1-263 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg263
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDSVEKGAATSVSNPRGRPSRGRPPKLQRNSRGGQGRGVEKPPHLAALILARGGS KGIPLKNIKHLAGVPLIGWVLRAALDSGAFQSVWVSTDHDEIENVAKQFGAQVHRRS SEVSKDSSTSLDAIIEFLNYHNEVDIVGNIQATSPCLHPTDLQKVAEMIREEGYDSVFS VVRRHQFRWSEIQKGVREVTEPLNLNPAKRPRRQDWDGELYENGSFYFAKRHLIE MGYLQGGKMAYYEMRAEHSVDIDVDIDWPIAEQRVLR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	CMAS cytidine monophosphate N-acetylneuraminic acid synthetase [Homo sapiens]
Official Symbol	CMAS
Synonyms	CMAS; cytidine monophosphate N-acetylneuraminic acid synthetase; N-acylneuraminate cytidylyltransferase; CMP Neu5Ac synthetase; CMP-NeuNAc synthase; CMP-Neu5Ac synthetase; CMP-NeuNAc synthetase; CMP-N-acetylneuraminic acid synthase; CMP-N-acetylneuraminic acid synthetase; cytidine 5-monophosphate N-acetylneuraminic acid synthetase;
Gene ID	55907
mRNA Refseq	NM_018686
Protein Refseq	NP_061156
MIM	603316
UniProt ID	Q8NFW8

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