Recombinant Full Length Human CMAS Protein, GST-tagged

Cat. No. CMAS-1899HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CMAS full-length ORF (AAH16609.1, 1 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	263 amino acids
Description	This gene encodes an enzyme that converts N-acetylneuraminic acid (NeuNAc) to cytidine 5'-monophosphate N-acetylneuraminic acid (CMP-NeuNAc). This process is important in the formation of sialylated glycoprotein and glycolipids. This modification plays a role in cell-cell communications and immune responses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Molecular Mass	56 kDa
AA Sequence	MDSVEKGAATSVSNPRGRPSRGRPPKLQRNSRGGQGRGVEKPPHLAALILARGGS KGIPLKNIKHLAGVPLIGWVLRAALDSGAFQSVWVSTDHDEIENVAKQFGAQVHRRS SEVSKDSSTSLDAIIEFLNYHNEVDIVGNIQATSPCLHPTDLQKVAEMIREEGYDSVFS VVRRHQFRWSEIQKGVREVTEPLNLNPAKRPRRQDWDGELYENGSFYFAKRHLIE MGYLQGGKMAYYEMRAEHSVDIDVDIDWPIAEQRVLR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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