OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH303362

ASAM (CLMP) (NM_024769) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASAM MS Standard C13 and N15-labeled recombinant protein (NP_079045)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203362
Predicted MW:	41.3 kDa
Protein Sequence:	>RC203362 protein sequence Red=Cloning site Green=Tags(s) MSLLLLLLLVSYYVGTLGTHTEIKRVAEEKVTLPCHHQLGLPEKDTLDIEWLLTDNEGNQKVVITYSSRH VYNNLTEEQKGRVAFASNFLAGDASLQIEPLKPSDEGRYTCKVKNSGRYVWSHVILKVLVRPSKPKCELE GELTEGSDLTLQCESSSGTEPIVYYWQRIREKEGEDERLPPKSRIDYNHPGRVLLQNLTMSYSGLYQCTA GNEAGKESCVVRVTVQYVQSIGMVAGAVTGIVAGALLIFLLVWLLIRRKDKERYEEEERPNEIREDAEAP KARLVKPSSSSSGSRSSRSGSSSTRSTANSASRSQRTLSTDAAPQPGLATQAYSLVGPEVRGSEPKKVHH ANLTKAETTPSMIPSQSRAFQTV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079045
RefSeq Size:	2645
RefSeq ORF:	1119
Synonyms:	ACAM; ASAM; CSBM; CSBS
Locus ID:	79827

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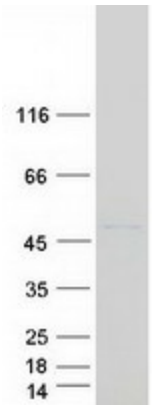
UniProt ID: Q9H6B4, B4E3S3

Cytogenetics: 11q24.1

Summary: This gene encodes a type I transmembrane protein that is localized to junctional complexes between endothelial and epithelial cells and may have a role in cell-cell adhesion. Expression of this gene in white adipose tissue is implicated in adipocyte maturation and development of obesity. This gene is also essential for normal intestinal development and mutations in the gene are associated with congenital short bowel syndrome. [provided by RefSeq, Aug 2015]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CLMP protein (Cat# [TP303362]). The protein was produced from HEK293T cells transfected with CLMP cDNA clone (Cat# [RC203362]) using MegaTran 2.0 (Cat# [TT210002]).