

Product datasheet for TP505923

Jaml (NM_001005421) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse junction adhesion molecule like (Jaml), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205923 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLCLLKLIVIPVILAPVGYQPGLPLTVSSPQLRVHVGESVLMGCVVQRTEEKHVDRVDWLFSKDKDDAS EYVLFYNSNLSVPTGRFQNRSHLVGDTFHNDGSLLLQDVQKADEGIYTCERLKNESMVMKKPVELWVLP EEPKDLRVRVGDTTQMRCISQSTEEKRVTKVNWFMFSSGSHTEETVLSYDSNMRSQKQSLGRFRNRVDL TGDISRNDGSIKLQTVKESDRGIYTCSEIYVGKLESRKTIVLHVQDEFQRTISPTPTDKGQQGILNGNQ LVIIVGIVCATFLLLVLIVKKAKWNKSSVSSMASVKLENKEKINPEKHIYSSITWETTERGISGE SEGTYMTMNPVWPSSPKASSLVRSSVRSK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42.6 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:	<u>NP_001005421</u>
Locus ID:	270152
UniProt ID:	<u>Q80UL9</u>



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RefSeq Size: 2472

Cytogenetics: 9 A5.2

RefSeq ORF: 1140

Synonyms: AMICA; Amica1; Crea7; Gm638

Summary: Transmembrane protein of the plasma membrane of leukocytes that control their migration and activation through interaction with CXADR, a plasma membrane receptor found on adjacent epithelial and endothelial cells. The interaction between both receptors mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, JAML induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair. It also controls the transmigration of leukocytes within epithelial and endothelial tissues through adhesive interactions with epithelial and endothelial CXADR. [UniProtKB/Swiss-Prot Function]