

## Product datasheet for **TP504404**

### Jam3 (NM\_023277) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse junction adhesion molecule 3 (Jam3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204404 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MALSRRRLRLRLYARLPDFFLLLLFRGCMIEAVNLKSSNRNPWHEFESVELSCIITDSQTSDPRIEWKKI  
QDGQTTYVYFDNKIQQDLGRDVFVGKTSRLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQVKPV  
TPVCRIPAAVPVGKTATLQCQESGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHVNSETGTLVFNVAH  
KDDSGQYYCIASNDAGAARCEGQDMEVYDLNIAGIIGGVLVVLIVLAVITMGICCAYYRRGCFISSKQDGE  
SYKSPGKHDGVNYIRTSEEGDFRHKSSFVI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	34.8 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:	<a href="#">NP_075766</a>
Locus ID:	83964
UniProt ID:	<a href="#">Q9D8B7</a>



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RefSeq Size: 1986

Cytogenetics: 9 A4

RefSeq ORF: 933

Synonyms: 1110002N23Rik; JAM-3; JAM-C; Jcam3

**Summary:** Mediates cell-cell adhesion. Functions as counter-receptor for JAM2 (PubMed:15372036). Functions as a counter-receptor for ITGAM, mediating leukocyte-platelet interactions and is involved in the regulation of transepithelial migration of polymorphonuclear neutrophils (PMN) (By similarity). Plays a role in angiogenesis (PubMed:15994945). May play a role in the regulation of cell migration (By similarity). Required for normal polarization and acrosome formation in developing spermatids, and for normal male fertility (PubMed:15372036). [UniProtKB/Swiss-Prot Function]