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Product datasheet for TP520185

Colec11 (NM_027866) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse collectin sub-family member 11 (Colec11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220185 representing NM_027866 Red=Cloning site Green=Tags(s) MMMRDLALAGMLISLAFLSLLPSGCPQQTTEDACSVQILVPGLKGDAGEKGDKGAPGRPGRVGPTGEKGD MGDKGQKGTVGRHGKIGPIGAKGEKGDSGDIGPPGPSGEPGIPCECSQLRKAIGEMDNQVTQLTTELKFI KNAVAGVRETESKIYLLVKEEKRYADAQLSCQARGGTLSMPKDEAANGLMASYLAQAGLARVFIGINDLE KEGAFVYSDRSPMQTFNKWRSGEPNNAYDEEDCVEMVASGGWNDVACHITMYFMCEFDKENL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	29 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:	NP_082142
Locus ID:	71693
UniProt ID:	Q3SXB8, A0A0R4J0M6
RefSeq Size:	1383

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Cytogenetics: 12 A2

RefSeq ORF: 816

Synonyms: CL-K1

Summary: This gene encodes a member of the collectin family of C-type lectins that possess collagen-like sequences and carbohydrate recognition domains. Collectins are secreted proteins that play important roles in the innate immune system by binding to carbohydrate antigens on microorganisms, facilitating their recognition and removal. The encoded protein binds to multiple sugars with a preference for fucose and mannose. Mutations in the human gene are a cause of 3MC syndrome-2. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]