

Product datasheet for TP507475

Nectin2 (NM_001159724) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse nectin cell adhesion molecule 2 (Nectin2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207475 protein sequence
Red=Cloning site **Green**=Tags(s)

MARAAVLPPSRLSPTLPLPLLLLLLQETGAQDVRVRVLPVVRGRLGGTVLPCNLLPPTTERVSVQVTWQ
RLDGTVAAFHPSFGVDFPNSQFSKDRLSFVRARPETNADLRDATLAFRGLRVEDEGNYTCEFATFPNGT
RRGVTWLRVIAQPENHAEAQEV TIGPQSVAVARCVSTGGRPPARITWISSLGGEAKDTQEPGIQAGTVTI
ISRYSLVPVGRADGVKVTCTRVEHESFEPIILLPVTLVSRYPPEVSVISGYDDNWYLGRSEAILTCDVRSNP
EPTDYDWTSTSGVFPASAVAQGSQLLVHSVDRMVNTTFFICTATNAVGTGRAEQVILVRDTPQASRDVGPL
VWGAVGGTLLVLLLAGGFLALILLRGRRRRKSPGGGGNDGDRGSYDPKTQVFGNGGPPVFWRSASPEPMRP
DGREEDEEEEEEMKAEGLMLPPHESPKDDMESHLDGSLISRRVYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 50.8 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: [NP_001153196](#)

Locus ID: 19294



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UniProt ID:	<u>P32507, Q8C6F2</u>
RefSeq Size:	2009
Cytogenetics:	7 9.94 cM
RefSeq ORF:	1404
Synonyms:	AI325026; AI987993; Cd112; MPH; nectin-2; Pvr; Pvrl2; Pvs
Summary:	Modulator of T-cell signaling. Can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIg, inhibits T-cell proliferation. These interactions are competitive. Probable cell adhesion protein.[UniProtKB/Swiss-Prot Function]