

32-7934: Recombinant Human LFA-3 Receptor/CD2 (C-6His)

Gene : CD2
Gene ID : 914
Uniprot ID : P06729

Description

Source: Human Cells.
MW :22.5kD.

Recombinant Human CD2 is produced by our Mammalian expression system and the target gene encoding Lys25-Asp209 is expressed with a 6His tag at the C-terminus. T-cell surface antigen CD2 is also known as Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5. It is a protein that in humans is encoded by the CD2 gene. It is a single-pass type I membrane protein. contains 1 Ig-like C2-type domain and 1 Ig-like V-type domain. T-cell surface antigen CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. It is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : KEITNALETWGALGQDINLDIPSFQMSDDIDDIKWEKTSKDKKIAQFRKEKETFKEKDTYKLFKNGTLKIKHLKTD
DQDIYKVSİYDTKGKNVLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHKW
TTLSAKFKCTAGNKVSKESSVEPVSCPEKGLDVDHHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.