

**CD226, 19-247aa, Human, hlgG-His-tag, Baculovirus**

**Cat.NO.: TP01491**

3th Edition

**Synonyms:**CD226 antigen isoform, CD226, DNAM-1, DNAM1, PTA1, TLI SA1

**Description:**CD226, also known as CD226 antigen isoform, is a member of the immunoglobulin superfamily containing 2 Ig-like domains of the V-set. It is an activating receptor expressed on NK cells and T cells and plays an important role in cytotoxicity of these cells against target cells. It mediates platelet and megakaryocytic cell adhesion to vascular endothelial cells. Recombinant human CD226, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**53.2kDa (471aa), 50-70kDa (SDS-PAGE under reducing conditions)

**Sequences:**

ADPEEVLWHTSVPF AENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMVIRKPYAERVYFLNSTMASNNM  
TLFFRNASEDDVGYYSCLYTPQGTWQKVIQVVQSDSFEAAVPSNSHIVSEPGKNVTLTCQPQMTWPVQAVRW  
EKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIPDVTVSDSGLYRCYLQASAGENETFVMRLTVAE  
GKTDNLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVH  
NAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKN  
QVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHY  
TQKSLSLSPGKHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.