

SLAMF1, 21-237aa, Human, His-tag, Baculovirus

Cat.NO.: TP03958

3th Edition

Synonyms: Signaling lymphocytic activation molecule family member 1, SLAMF1, SLAM, CD150, CDw150

Description: SLAMF1, also known as signaling lymphocytic activation molecule family member 1, is a cell surface sialylated phosphoglycoprotein and belongs to the CD2 subset of the Ig superfamily of type I transmembrane glycoproteins. This protein is constitutively expressed on peripheral blood memory T cells, T-cell clones, immature thymocytes, and a proportion of B cells, and is rapidly induced on naive T cells after activation. High-affinity for self-ligand is important in bidirectional T-cell to B-cell stimulation. Recombinant mouse SLAMF1 protein, fused to 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: 25.3kDa (226aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPASYGTGGRMMNCPKILRQLGSKVLLPLTYERINKSMNKSIHIVVTMAKSLNSVENKIVSLDPSEAGPPRYLGD
RYKFYLENLTLGIRESRKEDEGWYLMTLEKNVSVQRFCLQLRLYEQVSTPEIKVLNKTQENGTCTLILGCTVEKGDH
VAYSWSEKAGTHPLNPANSSHLLSLTLGPQHADNIYICTVSNPISNNSQTFSPWPGCRTDPSETKPHHHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by BCA assay)

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.