

32-3473: CD43 Recombinant Protein

Alternative Name : Leukosialin, Galactoglycoprotein, GALGP, Leukocyte sialoglycoprotein, Sialophorin, SPN, CD43, leukosialin precursor, GPL115, LSN.

Description

Source : E.coli. CD43 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 257 amino acids (20-253a.a.) and having a molecular mass of 25.8kDa. CD43 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CD43 is a key sialoglycoprotein located in the surface of T lymphocytes, monocytes, granulocytes, thymocytes and some B lymphocytes. CD43 is a part of a physiologic ligand-receptor complex which participates in T-cell activation. Throughout T-cell activation, CD43 is actively taken out from the T-cell-APC (antigen-presenting cell) contact site, signifying CD43 has a negative regulatory role in adaptive immune response.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : CD43 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSSTTAVQT PTSGEPLVST SEPLSSKMYT TSITSDPKAD STGDQTSALP
 PSTSINEGSP LWTSIGASTG SPLPEPTYQ EVSIKMSSVP QETPHATSHP AVPITANSLG SHTVTGGTIT
 TNSPETSSRT SGAPVTTAAS SLETSRGTS G PPLTMATVSL ETSKGTSGPP VT MATDSLET STGTTGPPVT
 MTTGSLEPSS GASGPQVSSV KLSTMMSPPT STNASTVPFR NPDENSR.

