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32-4986: Recombinant Human Stomatin

Alternative Name : BND7,EPB7,EPB72,Erythrocyte band 7 integral membrane protein,Protein 7.2b,Stomatin,STOM.

Description

Source : Escherichia Coli. STOM Human Recombinant produced in E. coli is a single polypeptide chain containing 257 amino acids (55-288) and having a molecular mass of 28 kDa. STOM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Stomatin (STOM) is a part of a highly conserved family of integral membrane proteins. STOM is a membrane protein involved in regulation of monovalent cation transport through lipid membranes which regulates ACCN1 and ACCN3 gating. STOM is a major lipid-raft component of erythrocytes and epithelial cells, and an abundant platelet protein which acts as a cytoskeletal anchor.

Product Info

Amount :	25 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The STOM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 MGSKIIKEYE RAIIFRLGRI LQGGAKGPGL FFILPCTDSF IKVDMRTISF DIPPQEILTK DSVTISVDGV VYYRVQNATL AVANITNADS ATRLLAQTTL RNVLGTKNLS QILSDREEIA HNMQSTLDDA TDAWGIKVER VEIKDVKLPV QLQRAMAAEA EASREARAKV IAAEGEMNAS RALKEASMVI TESPAALQLR YLQTLTTIAA EKNSTIVFPL PIDMLQGIIG AKHSHLG.