9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

STOM Human

Stomatin Human Recombinant
RCP2270

Product Overview

Name	STOM Human
Description	
Stomatin Human Recombinant	
Accession (Primary)	P27105
Synonyms	
BND7, EPB7, EPB72, Erythrocyte band 7 integral membrane protein, Protein 7.2b, Stomatin, STOM.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The STOM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS KIIKEYE RAIIFRLGRI LQGGAKGPGL FFILPCTDSF IKVDMRTISF DIPPQEILTK DSVTISVDGV VYYRVQNATL AVANITNADS ATRLLAQTTL RNVLGTKNLS QILSDREEIA HNMQSTLDDA TDAWGIKVER VEIKDVKLPV QLQRAMAAEA EASREARAKV IAAEGEMNAS RALKEASMVI TESPAALQLR YLQTLTTIAA EKNSTIVFPL PIDMLQGIIG AKHSHLG.	
Precautions	

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STOM Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P27105)