

## Stomatin Human Recombinant

<b>Item Number</b>	rAP-3975
<b>Synonyms</b>	BND7, EPB7, EPB72, Erythrocyte band 7 integral membrane protein, Protein 7.2b, Stomatin, STOM.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P27105
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSKIIKEYE RAIIFRLGRI LQGGAKGPGL FFILPCTDSF IKVDMRTISF DIPPQEILTK DSVTISVDGV VYYRVQNATL AVANITNADS ATRLLAQTTL RNVLGTKNLS QILSDREEIA HNMQSTLDDA TDAWGKIKVER VEIKDVKLPV QLQRAMAAEA EASREARAKV IAAEGEMNAS RALKEASMVI TESPAAQLR YLQTLTTIAA EKNSTIVFPL PIDMLQGIIG AKHSHLG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The STOM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**