

Product datasheet for **AR50996PU-N**

Stomatin / STOM (55-288, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Stomatin / STOM (55-288, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSKIIEYE</u> RAIIFRLGRI LQGGAKGPGL FFILPCTDSF IKVDMRTISF DIPPQEILTK DSVTISVDGV VYYRVQNATL AVANITNADS ATRLAQTTL RNVLGTKNLS QILSDREEIA HNMQSTLDDA TDAWGKVER VEIKDVKLPV QLQRAMAAEA EASREARAKV IAAEGEMNAS RALKEASMVI TESPALQLR YLQTLTTIAA EKNSTIVFPL PIDMLQGIIG AKHSHLG
Tag:	His-tag
Predicted MW:	28 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human STOM protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> .
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001257455</u>
Locus ID:	2040
Cytogenetics:	9q33.2
Synonyms:	BND7; EPB7; EPB72



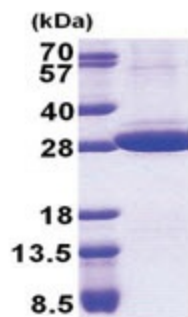
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Summary:

This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Protein Families:

Transmembrane

Product images:

15% SDS-PAGE (3ug)