

Recombinant Human STOM Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STOM-5564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STOM MS Standard C13 and N15-labeled recombinant protein (NP_004090) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	31.8 kDa
AA Sequence	MAEKRHTRDSEAQRLPDSFKDSPSKGLGPCGWILVAFSFLFTVITFPISIWMCIKIIE YERAIIFRLGRILQGGAKGPGLFFILPCTDSFIKVD MRTISFDIPPQEILTKDSVTISVDG VYYRVQNATLAVANITNADSATRLLAQTTLRNVLGTKNLSQILSDREEIAHNMQSTL DDATDAWGKIVERVEIKDVKL PVQLQRAMAAEAEASREARAKVIAAEGEMNASRAL KEASMVITEYPAALQLRYLQTLTTIAAEKNSTIVFPLPIDMLQGIIGAKHSHLGTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

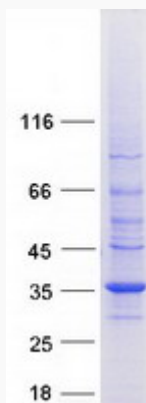
GENE INFORMATION

Gene Name	STOM stomatin [Homo sapiens (human)]
Official Symbol	STOM
Synonyms	STOM; stomatin; EPB7, EPB72, erythrocyte membrane protein band 7.2 (stomatin); erythrocyte band 7 integral membrane protein; BND7; protein 7.2b; erythrocyte membrane protein band 7.2 (stomatin); EPB7; EPB72;
Gene ID	2040
mRNA Refseq	NM_004099
Protein Refseq	NP_004090
MIM	133090
UniProt ID	P27105

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SDS-PAGE

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