

Recombinant Human STOM protein, His-SUMO-tagged

Cat. No. STOM-3538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STOM protein(P27105)(1-288aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-288aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.7 kDa
AA Sequence	MAEKRHTRDSEAQRLPDSFKDSPSKGLGPCGWILVAFSFLFTVITFPISIWMCIKIIE YERAIIFRLGRILQGGAKGPGGLFFILPCTDSFIKVD MRTISFDIPPQEILTKDSVTISVDG VYYRYRVQNATLAVANITNADSATRLLAQTTLRNVLG TKNLSQILSDREEIAHNMQSTL DDATDAWG I KVERVEIKDV KLPVQLQRAMAAEAEASREARAKVIAAEGEMNASRAL KEASMVITESPAALQLRYLQTLTTIAAEKNSTIVFPLPIDMLQGIIGAKHSHLG
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [STOM stomatin \[Homo sapiens \]](#)

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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