

Recombinant Human SYTL2 Protein, His-tagged

Cat. No. SYTL2-658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYTL2(Lys329~Leu880) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys329~Leu880
Description	The protein encoded by this gene is a synaptotagmin-like protein (SLP) that belongs to a C2 domain-containing protein family. The SLP homology domain (SHD) of this protein has been shown to specifically bind the GTP-bound form of Ras-related protein Rab-27A (RAB27A). This protein plays a role in RAB27A-dependent vesicle trafficking and controls melanosome distribution in the cell periphery. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 93%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

SYTL2 synaptotagmin like 2 [Homo sapiens]

Official Symbol

SYTL2

Synonyms

EXO4; SLP2; SLP2A; SGA72M; CHR11SYT; PPP1R151

Gene ID

54843

mRNA Refseq

NM_001162951

Protein Refseq

NP_001156423

MIM

612880

UniProt ID

Q9HCH5

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