



# Recombinant Human Synaptotagmin-like protein 5 (SYTL5)

<b>Product Code</b>	CSB-EP855060HU
<b>Abbreviation</b>	SYTL5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8TDW5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSKNSEFINL SFLLDHEKEM ILGVLKRDEY LKKVEDKRIR KLKNELLEAK RRSGKTQQEA SRVCVHCHRN LGLIFDRGDP CQACSLRVCR ECRVAGPNGS WKCTVCDKIA QLRIITGEWF FEEKAKRFKQ VNVLGTDVVR QSILRRSPGA EEVQSSEQTR QDAEKSDTSP VAGKKASHDG PKRKGFLLSK FRSATRGEII TPKTDTGRSY SLDLDGQHFR SLKSPPGSDR GSTGSSDLND QEPGPRTPKS SRSNGVTPGT QSSPAPSTRT VTSVISREYG FENSMDLAAI EGTSQELTKS HRRNTSGTPS IAVSGTSLSS DQSRSELDLS ESFTEDSED VSIRSKSVPG ALDKDSLEET EESIDALVSS QLSTNTHRLA SGLSTTSLNS MMSVYSETGD YGNVKVSGEI LLHISYCYKT GGLYIFVKNC RNLAIGDEKK QRDAYVKS Y LPPDKSRNNK RKT KIRTGTN PEFNETLKYT ISHTQLETRT LQLSVWHYDR FGRNSFLGEV EIPFDSWNFE NPTDEWFLVQ PKVEFAPDIG LQYKGELTVV LRYIPPEENL MLPPEQLQGN KTFKKGKKKE SPVISGGILE VFIKEAKNLT AVKSGGTS DS FVKG YLLPDD SKATKHKTLV IKKSVNPQWN HTFMFSGIHP QDIKNVCLEL TIWDKEAFSS NIFLGGVRLN SGSGVSHGKN VDWMDSQGEE QRLWQKMANN PGTPFEGVLM LRSSMGKCRL
<b>Source</b>	E.coli
<b>Target Names</b>	SYTL5
<b>Protein Names</b>	Recommended name: Synaptotagmin-like protein 5
<b>Expression Region</b>	1-730
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein belongs to the synaptotagmin-like (Slp) protein family, which contains a unique homology domain at the N-terminus, referred to as the Slp homology domain (SHD). The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of this gene is restricted to



placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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**Shelf Life**

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