



Recombinant Human Synaptotagmin-like protein 5 (SYTL5)

Product Code	CSB-EP855060HU
Abbreviation	SYTL5
Storage	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.
Uniprot No.	Q8TDW5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	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 LLLPDKSRNNK RKT KIRTGTN PEFNETLKYT ISHTQLETRT LQLSVWHYDR FGRNSFLGEV EIPFDSWNFE NPTDEWFLVQ PKVEFAPDIG LQYK GELTVV LRYIPPEENL MLPPEQLQGN KTFKKGKKKE SPVISGGILE VFIKEAKNLT AVKSGGTS DS FVKGYLLPDD SKATKHKTLV IKKSVNPQWN HTFMFSGIHP QDIKNVCLEL TIWDKEAFSS NIFLGGVRLN SGSGVSHGKN VDWMDSQGEE QRLWQKMANN PGTPFEGVLM LRSSMGKCR L
Source	E.coli
Target Names	SYTL5
Protein Names	Recommended name: Synaptotagmin-like protein 5
Expression Region	1-730
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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