



Human STXBP5 peptide (DAG-P2022)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Syntaxin 1 is a component of the 7S and 20S SNARE complexes which are involved in docking and fusion of synaptic vesicles with the presynaptic plasma membrane. This gene encodes a syntaxin 1 binding protein. In rat, a similar protein dissociates syntaxin 1 from the Munc18/n-Sec1/rbSec1 complex to form a 10S complex, an intermediate which can be converted to the 7S SNARE complex. Thus this protein is thought to be involved in neurotransmitter release by stimulating SNARE complex formation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	STXBP5 syntaxin binding protein 5 (tomosyn) [Homo sapiens (human)]
Official Symbol	STXBP5
Synonyms	STXBP5; syntaxin binding protein 5 (tomosyn); LGL3; LLGL3; Nbla04300; syntaxin-binding protein 5; tomosyn; tomosyn-1; putative protein product of Nbla04300; lethal(2) giant larvae protein homolog 3;
Entrez Gene ID	134957
mRNA Refseq	NM_001127715.2

Protein Refseq	NP_001121187.1
UniProt ID	Q5T5C0
Chromosome Location	6q24.3
Function	syntaxin-1 binding;