

# Recombinant Human SYT17

Catalog No: #GP10798



Package Size: #GP10798-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human SYT17
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 2-200 amino acids of human synaptotagmin XVII
Target Name	synaptotagmin XVII
Other Names	sytXVII
Accession No.	Swissprot:Q9BSW7Gene Accession:BC004518
Uniprot	Q9BSW7
GeneID	51760;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Synaptotagmin XVII (SytXVII), also known as Synaptotagmin-17 (SYT17) or Protein B/K, is a 474 amino acid peripheral membrane protein that belongs to the Synaptotagmin family and contains two C2 domains. While expressed abundantly in brain (frontal and temporal lobes, hippocampus, hypothalamus, amygdala, substantia nigra and pituitary), kidney and prostate, Synaptotagmin XVII is also expressed in fetal brain, kidney and lung. The gene that encodes Synaptotagmin XVII contains 100,082 bases and maps to human chromosome 16p12.3. Encoding over 900 genes and consisting of approximately 90 million base pairs, chromosome 16 makes up nearly 3% of the human genome and is associated with a variety of genetic disorders, such as giant axonal neuropathy, Rubinstein-Taybi syndrome and Crohn's disease. An association with systemic lupus erythematosus and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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