

Recombinant Human TPH1

Catalog No: #GP10841



Package Size: #GP10841-1 100ug

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Description

Product Name	Recombinant Human TPH1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human tryptophan hydroxylase 1
Target Name	tryptophan hydroxylase 1
Other Names	TPRH; TRPH
Accession No.	Swissprot:P17752Gene Accession:BC106739
Uniprot	P17752
GenID	7166;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.

References

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

Note: This product is for in vitro research use only