

TPH1 抗原（重组蛋白）

中文名称：TPH1 抗原（重组蛋白）

英文名称：TPH1 Antigen (Recombinant Protein)

别名：tryptophan hydroxylase 1; TPRH; TRPH

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human TPH1

技术规格：

Full name:	tryptophan hydroxylase 1
Synonyms:	TPRH; TRPH
Swissprot:	P17752
Gene Accession:	BC106739
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.