

THNSL1 抗原（重组蛋白）

中文名称：THNSL1 抗原（重组蛋白）

英文名称：THNSL1 Antigen (Recombinant Protein)

别名：TSH1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 544-743 amino acids of human THNSL1

技术规格：

Full name:	threonine synthase like 1
Synonyms:	TSH1
Swissprot:	Q8IYQ7
Gene Accession:	BC016697
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	THNSL1 (threonine synthase-like 1), also known as TSH1, is a 743 amino acid member of the serine/threonine dehydratase family. Expressed primarily in brain and endocrine glands, THNSL1 is thought to function as a pyridoxal-5'-phosphate (PLP)-dependent enzyme that uses pyridoxal phosphate as a cofactor. THNSL1 shares similarity with bacterial threonine synthases (which synthesize threonine from aspartic acid), suggesting that THNSL1 may have once participated in de novo threonine synthesis within the body, but has since lost its original metabolic role.