

TALDO1 抗原（重组蛋白）

中文名称： TALDO1 抗原（重组蛋白）

英文名称： TALDO1 Antigen (Recombinant Protein)

别名： transaldolase 1; TAL; TALH; TAL-H; TALDOR

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 170 amino acids of human TALDO1

技术规格

Full name:	transaldolase 1
Synonyms:	TAL; TALH; TAL-H; TALDOR
Swissprot:	P37837
Gene Accession:	BC010103
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Transaldolase 1 is a key enzyme of the nonoxidative pentose phosphate pathway providing ribose-5-phosphate for nucleic acid synthesis and NADPH for lipid biosynthesis. This pathway can also maintain glutathione at a reduced state and thus protect sulfhydryl groups and cellular integrity from oxygen radicals. The functional gene of transaldolase 1 is located on chromosome 11 and a pseudogene is identified on chromosome 1 but there are conflicting map locations. The second and third exon of this gene were developed by insertion of a retrotransposable element.

This gene is thought to be involved in multiple sclerosis.