

DHPS 抗原（重组蛋白）

中文名称：DHPS 抗原（重组蛋白）

英文名称：DHPS Antigen (Recombinant Protein)

别名：DS; DHS; MIG13

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 170-369 amino acids of human DHPS

技术规格：

Full name:	deoxyhypusine synthase
Synonyms:	DS; DHS; MIG13
Swissprot:	P49366
Gene Accession:	BC014016
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 protein that is required for the formation of hypusine, a unique amino acid formed by the posttranslational modification of only one protein, eukaryotic translation initiation factor 5A. The encoded protein catalyzes the first step in hypusine formation by transferring the butylamine moiety of spermidine to a specific lysine residue of the eukaryotic translation initiation factor 5A precursor, forming an intermediate deoxyhypusine residue. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.