

UGP2 抗原（重组蛋白）

中文名称： UGP2 抗原（重组蛋白）

英文名称： UGP2 Antigen (Recombinant Protein)

别名： UDP-glucose pyrophosphorylase 2; UDPG; UGP1; UDPGP; UGPP1; UGPP2; UDPGP2; pHC379

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 200 amino acids of human UGP2

技术规格

Full name:	UDP-glucose pyrophosphorylase 2
Synonyms:	UDPG; UGP1; UDPGP; UGPP1; UGPP2; UDPGP2; pHC379
Swissprot:	Q16851
Gene Accession:	BC002954
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The enzyme encoded by this gene is an important intermediary in mammalian carbohydrate interconversions. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP-glucose and MgPPi. In liver and muscle tissue, UDP-glucose is a direct precursor of glycogen; in lactating mammary gland it is converted to UDP-galactose which is then converted to lactose. The eukaryotic enzyme has no significant sequence similarity to the prokaryotic enzyme. Two trans

ript variants encoding different isoforms have been found fo
r this gene.