

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; pH379

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; pH379
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 transcript variants encoding different isoforms have been found for this gene.