

GLUL 抗原（重组蛋白）

中文名称： GLUL 抗原（重组蛋白）

英文名称： GLUL Antigen (Recombinant Protein)

别名： GS; GLNS; PIG43; PIG59

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human GLUL

技术规格：

Full name:	glutamate-ammonia ligase
Synonyms:	GS; GLNS; PIG43; PIG59
Swissprot:	P15104
Gene Accession:	BC010037
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 protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling. This gene is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation. Mutations in this gene are associated with congenital glutamine deficiency. Several alternatively spliced transcript variants have

been found for this gene.