

GLRX2 抗原（重组蛋白）

中文名称：GLRX2 抗原（重组蛋白）

英文名称：GLRX2 Antigen (Recombinant Protein)

别名：GRX2; CGI-133

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 41-164 amino acids of human GLRX2

技术规格：

Full name:	glutaredoxin 2
Synonyms:	GRX2; CGI-133
Swissprot:	Q9NS18
Gene Accession:	BC028113
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 is a member of the glutaredoxin family of proteins, which maintain cellular thiol homeostasis. These proteins are thiol-disulfide oxidoreductases that use a glutathione-binding site and one or two active cysteines in their active site. This gene undergoes alternative splicing to produce multiple isoforms, one of which is ubiquitously expressed and localizes to mitochondria, where it functions in mitochondrial redox homeostasis and is important for the protection against and recovery from oxidative stress. Other isoforms, which have more restrictive expression patterns, show cytosolic and nuclear localization, and are thought to function in

cellular differentiation and transformation, possibly with a role in tumor progression.