Recombinant Full Length Human GLRX3 Protein, C-Flag-tagged

Cat. No. GLRX3-1401HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GLRX3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the glutaredoxin family. Glutaredoxins are oxidoreductase enzymes that reduce a variety of substrates using glutathione as a cofactor. The encoded protein binds to and modulates the function of protein kinase C theta. The encoded protein may also inhibit apoptosis and play a role in cellular growth, and the expression of this gene may be a marker for cancer. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 9. Alternatively spliced transcript variants have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.3 kDa
AA Sequence	MAAGAAEAAVAAVEEVGSAGQFEELLRLKAKSLLVVHFWAPWAPQCAQMNEVMAE LAKELPQVSFVKLEA EGVPEVSEKYEISSVPTFLFFKNSQKIDRLDGAHAPELTKKVQ RHASSGSFLPSANEHLKEDLNLRLKKL THAAPCMLFMKGTPQEPRCGFSKQMVEIL HKHNIQFSSFDIFSDEEVRQGLKAYSSWPTYPQLYVSGELI GGLDIIKELEASEELDTI CPKAPKLEERLKVLTNKASVMLFMKGNKQEAKCGFSKQILEILNSTGVEYET

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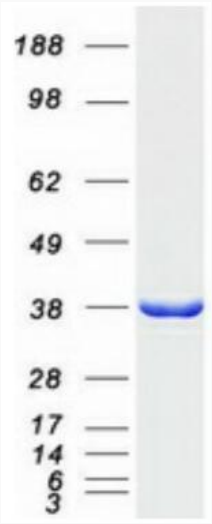
	FDILEDEEVRQGLKAYSNWPTYPQLYVKGELVGGLDIVKELKENGELLPILRGENTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	GLRX3 glutaredoxin 3 [Homo sapiens (human)]
Official Symbol	GLRX3
Synonyms	GRX3; GRX4; GLRX4; PICOT; TXNL2; TXNL3
Gene ID	10539
mRNA Refseq	NM_006541.5

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Protein Refseq	NP_006532.2
MIM	612754
UniProt ID	O76003



Coomassie blue staining of purified GLRX3 protein.

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