

Recombinant Human Glutaredoxin-1(GLRX)

Catalog No: #AP70344

Package Size: #AP70344-1 20ug #AP70344-2 100ug #AP70344-3 1mg

Description

Product Name	Recombinant Human Glutaredoxin-1(GLRX)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-106aaSequence Info:Full Length
Other Names	Thioltransferase-1 ;TTase-1
Accession No.	P35754
Calculated MW	38.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MAQEFVNCKIQPGKVVFIIKPTCPYCRRRAQEILSQLPIKQGLLEFVDITATNHTNEIQDYLLQQLTGARTVPRVFI GKDCIGGCSDLVSLQQSGELLTRLKQIGALQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins.

References

Cloning and sequencing of the cDNA encoding human glutaredoxin.Fernando M.R., Sumimoto H., Nanri H., Kawabata S., Iwanaga S., Minakami S., Fukumaki Y., Takeshige K.Biochim. Biophys. Acta 1218:229-231(1994)Research Topic:Transport

Note: This product is for in vitro research use only and is not intended for use in humans or animals.