

Recombinant *Cricetulus Griseus* PRDX1 Protein (2-199 aa), His-tagged

Cat. No. PRDX1-2679C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Cricetulus Griseus</i> (Chinese hamster) (<i>Cricetulus barabensis griseus</i>) PRDX1 Protein (2-199 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein.
Species	<i>Cricetulus Griseus</i>
Source	Yeast
ProteinLength	2-199 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	24.2 kDa
AA Sequence	SSGNAKIGYPAPNFKATAVMPDGQFRDICLSEYRGKYVVFYPLDFTFVCPTEIIAF SDRAEEFKLNCQVIGASVDSHFCHLAWINTPKKQGGLGPMNIPLVSDPKRTIAQDY GVLKADEGISFRGLFIIDDKGILRQITINDLPVGRSVDEILRLVQAFQFTDKHGEVCPA GWKPGSDTIKPDVQKSKEYFSKQK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name Prdx1 peroxiredoxin 1 [*Cricetulus griseus* (Chinese hamster)]

Official Symbol PRDX1

Synonyms PRDX1; TDPX2; TPX-2;

Gene ID 100689332

mRNA Refseq NM_001246765

Protein Refseq NP_001233694

UniProt ID Q9JKY1

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