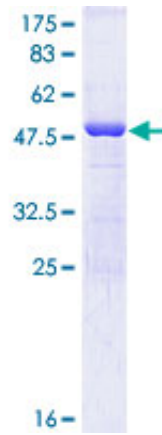


Recombinant Human PRDX6 Protein (1-224), N-GST-tagged

Product Information

Cat	IMP-9275
Official Symbol	PRDX6
Product Overview	Human PRDX6 full-length ORF (AAH35857.1, 1 a.a.-224 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Description	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H ₂ O ₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.
Expression System	Wheat Germ (in vitro)
Species	Human
Tag	N-GST
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.38 kDa
Protein length	1-224
AA Sequence	MPGGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPRDFTPVCTTE LGRAAKLAPEFAKRNVKLIALSIDSVEDHLAWSKDINAYNCEEPTKLPFPI IDDRNRELAILLGMLDPAEKDEKGMPVTARVVFVFGPDKKLLKSILYPATT GRNFDEILRVVISLQLTAEKRVATPVDWKGDSVMVLPTIPEEEAKKLFPK GVFTKELPSGKKYLRYTPQP
Applications	ELISA; WB (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
SDS-PAGE	



12.5% SDS-PAGE Stained with Coomassie Blue.