



# Recombinant Human Peroxiredoxin-2 (PRDX2)

<b>Product Code</b>	CSB-EP339235HU
<b>Relevance</b>	Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H <sub>2</sub> O <sub>2</sub> .
<b>Abbreviation</b>	Recombinant Human PRDX2 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P32119
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	ASGNARIGKPAPDFKATAVVDGAFKEVKLSDYKGYVVLFFYPLDFTFVCPTTEII AFSNRAEDFRKLGCEVLGVSVD SQFTHLAWINTPRKEGGLGPLNIPLADVTR RLSEDYGV LKTDEGIAYRGLFIIDGKGVLRQITVNDLPVGRSVDEALRLVQAFQ YTDEHGEVCPAGWKPGSDTIKPNVDDSKKEYFSKHN
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	PRDX2
<b>Protein Names</b>	Natural killer cell-enhancing factor B
<b>Expression Region</b>	2-198aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	25.8kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

