

**Recombinant Rat Peroxiredoxin 6 (PRDX6)****Catalog # ICR8756**

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

**[ PROPERTIES ]****Source:** Prokaryotic expression.**Host:** E. coli**Residues:** Met1~Pro224**Tags:** N-terminal His Tag**Subcellular Location:** Chromosome**Purity:** >97%**Traits:** Freeze-dried powder**Buffer formulation:** PBS, pH7.6, containing 0.01% SKL, 5% Trehalose .**Original Concentration:** 200ug/mL**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

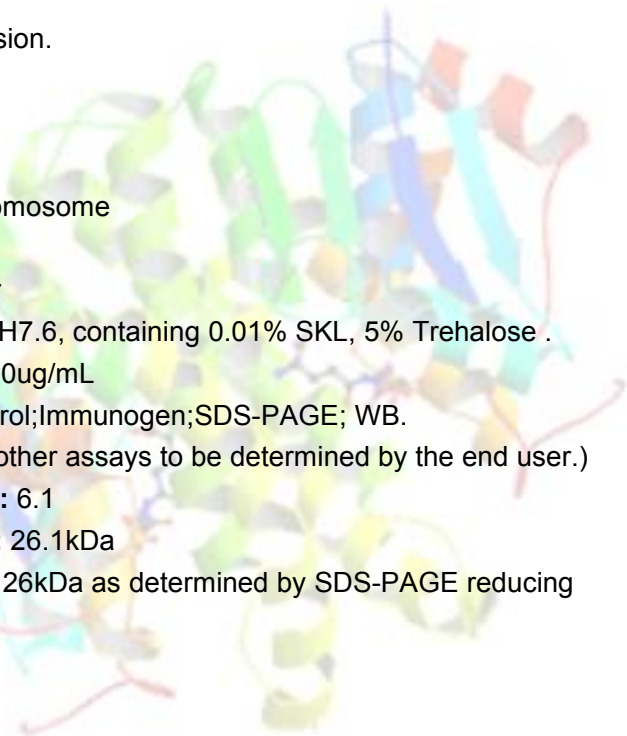
(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.1**Predicted Molecular Mass:** 26.1kDa**Accurate Molecular Mass:** 26kDa as determined by SDS-PAGE reducing conditions.**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]****Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.



Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCE ]

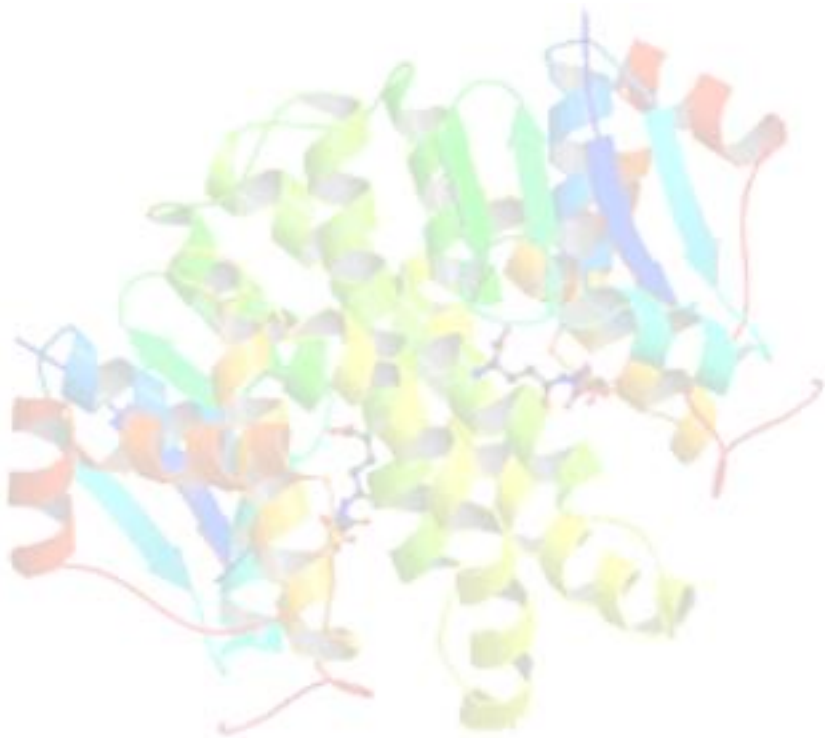
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LGRAAKLAPE FAKRNVKLIA LSIDSVEDHF AWSKDINAYN GAAPTEKLPF  
PIIDDKDRDL AILLGMLDPA EKDEKMPVT ARVVFIFGPD KKLKLSILYP  
ATTGRNFDEI LRVVDSLQLT ASNPVATPVD WKKGESVMVL PTLPEEEAKQ  
LFPKGVFTKE LPSGKKYLRY TPQP
```

## [ IDENTIFICATION ]



Figure. SDS-PAGE





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