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Peroxiredoxin 5, 53-214 aa, Human, Recombinant, E.coli

产品货号: TP03354

第三版

别名: ACR1, AOEB116, B116, PLP, PMP20, PRDX6, PRXV, SBBI10.

**描述:** Peroxiredoxin 5, also known as PRDX5, is a member of the peroxiredoxin family of antioxidant enzymes, which reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. This protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. It has been reported that peroxiredoxin 5 is involved in intracellular redox signaling.

**配方:** Liquid. In 20 mM HEPES buffer (pH 7.4).

**分子量:** 17.0 kDa (162aa), confirmed by MALDI-TOF

**序列:**

MAPIKVGDAIPAVEVFEGEPGNKVNLAELFKGKGVLFVPGAFVTPGCSKTHLPGFVEQAEALKAKGVQVVAACLSVNDA  
FVTGEWGRAHKAEGKVRLLADPTGAFGKETDLLLLDDSLVSIFGNRRLKRFSMVVQDGIVKALNVEPDGTGLTCSLAPNIIS  
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**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.