



## PRODUCT DATA

Last rev: 18/03/2009

**MMP1-Hemopexin-Like Domain** - Human, Recombinant. Fold state checked by NMR.

**EC#:** 3.4.24.7

**CATALOG NO.:** 1010001H

**DESCRIPTION:** MW = 23.2 kDa calculated. Hemopexin-Like Domain of MMP1 (Interstitial collagenase, matrix metalloproteinase 1), cloned from human cDNA, expressed in *E. coli*. The protein consists of the hemopexin-like domain of human MMP-1 (residues 274-470, swissprot accession P03956 )

**PURITY:** > 95% by SDS-PAGE. The protein was observed as a single band migrating at a molecular weight between 20 and 30 kDa.

**SUPPLIED AS:** solution in 50mM Tris pH 7.2, 300mM NaCl, 0.1mM ZnCl<sub>2</sub>, 20mM CaCl<sub>2</sub>. The concentration is calculated from the absorbance at 280nm ( $\epsilon_{280} = 41495 \text{ M}^{-1} \text{ cm}^{-1}$ ).

**CHARACTERISTICS:** Under the above described conditions, the product has been concentrated up to 200 $\mu$ M without observing precipitation.

**STORAGE:** -20° C. After initial defrost, aliquot product into individual tubes and refreeze at -20° C. Avoid repeated freeze/defrost cycles.

**REFERENCES:**

Bertini I., *J Am Chem Soc.* 2008;130(22):7011-21.

Bertini I., *J Biol Chem.* 2009