

# Product Datasheet

## Recombinant Human Glyoxalase I Protein NBP1-98878-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-98878-0.1mg****Recombinant Human Glyoxalase I Protein****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 1 mM DTT, 10% glycerol
<b>Target Molecular Weight</b>	20.7 kDa

**Product Description**

<b>Description</b>	<p>An un-tagged recombinant protein corresponding to the amino acids 1-184 of Human Glyoxalase I</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MAEPQPPSGG LTDEAALSCC SDADPSTKDF LLQQTMLRVK DPKKSLDFYT RVLGMTLIQK CDFPIMKFSL YFLAYEDKND IPKEKDEKIA WALSRKATLE LTHNWTGTEDD ETQSYHNGNS DPRGFGHIGI AVPDVYSACK RFEELGVKFV KKPDDGKMKG LAFIQDPDGY WIEILNPNKM ATLM</p>
<b>Gene ID</b>	2739
<b>Gene Symbol</b>	GLO1
<b>Species</b>	Human
<b>Details of Functionality</b>	Specific activity: >0.4 units/mg (please enquire for specific batch value). One unit will form 1.0 umol of S-lactoylglutathione from methylglyoxal and reduced glutathione per minute at pH 7.5, at 25C. Specific activity was expressed in units/mg of protein.

**Product Application Details**

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<b>Recommended Dilutions</b>	SDS-Page





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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