

## Recombinant Human HPRT1 protein, His-tagged

**Cat. No.** HPRT1-5113H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HPRT1 protein(P00492)(MH HHHHHG WTLNSAGYLLGKINLKALAALAKKILGGGGSGFLGPAPAPAPAPA+2-218aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | MH HHHHHG WTLNSAGYLLGKINLKALAALAKKILGGGGSGFLGPAPAPAPAPA+2-218aa                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                        |
| <b>Molecular Mass</b>   | 29.8 kDa                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                            |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term |

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storage at -20°C/-80°C.

**AA Sequence**

ATRSPGVVISDDEPGYDLDFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVL  
 KGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSVCNDQSTGDIKVIGGDDLSTLTGKNVLVEDIID  
 TGKTMQTLLSLVRQYNPKMKVASLLVKRTPRSVGYKPDFVGFEPDKFVVGALDYNEYFRDLNH  
 VCVISETGKAKYKA

## GENE INFORMATION

**Gene Name** [HPRT1 hypoxanthine phosphoribosyltransferase 1 \[ Homo sapiens \]](#)

**Official Symbol** [HPRT1](#)

**Synonyms** HPRT1; hypoxanthine phosphoribosyltransferase 1; HPRT; hypoxanthine-guanine phosphoribosyltransferase; HGPRT; Lesch Nyhan syndrome; HGPRTase;

**Gene ID** [3251](#)

**mRNA Refseq** [NM\\_000194](#)

**Protein Refseq** [NP\\_000185](#)

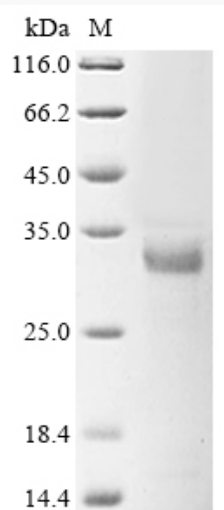
**MIM** [308000](#)

**UniProt ID** [P00492](#)

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**SDS-PAGE**

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