# Recombinant Human HPRT1 protein, His-tagged

**Cat. No.** HPRT1-2891H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human HPRT1 protein(P00492)(MHHHHHHKETWWETWWTEWSQPKKKRKVWEAALAEALAEALAEHLAEALAEALEALAAGG 218aa), fused with N-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | MHHHHHHKETWWETWWTEWSQPKKKRKVWEAALAEALAEALAEHLAEALAEALEALAAGGGGSGFLGPAPA |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 32.8 kDa |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please r deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final conc long-term storage at -20°C/-80°C. |
| **AA Sequence** | ATRSPGVVISDDEPGYDLDLFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKGGYKFFA |

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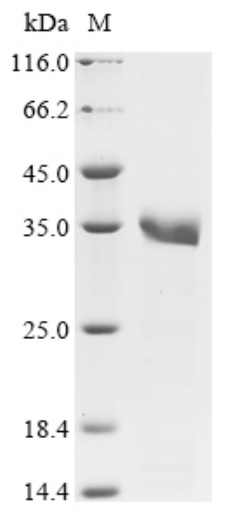
VDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTGKTMQTLLSLVRQYNPKMVKVASLLVKRTPRSV
LDYNEYFRDLNHVCVISETGKAKYKA

## GENE INFORMATION

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|---|---|
| **Gene Name** | HPRT1 hypoxanthine phosphoribosyltransferase 1 [ Homo sapiens ] |
| **Official Symbol** | HPRT1 |
| **Synonyms** | HPRT1; hypoxanthine phosphoribosyltransferase 1; HPRT; hypoxanthine-guanine phosphoribosyltransferase; H 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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