

Cat. No. HPRT1-5123H Lot. No. (See product label)

Product Overview

protein(P00492)(MHSHHHHRQIKIWFQNRRMKWKKAAEEQQPWAQYLELLFPTETLLLEWGGGGGSGFLGPAP, 218aa), fused with N-terminal His tag, was expressed in E.coli.

Species

Human

Source

E.coli

ProteinLength

MHHHHHRQIKIWFONRRMKWKKAEEOOPWAQYLELLFPTETLLLEWGGGGGSGFLGPAPAPAPAPA+2-218

Form

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.

Molecular Mass

32.1 kDa

Purity

Greater than 90% 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 resuspend 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 storage at -20°C/-80°C.

AA Sequence

ATRSPGVVISDDEPGYDLDFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMKEMGGHHIVALCVLKGGYKFFA

NRNSDRSIPMTVDFIRLKSYCNDQSTGDIKVIGGDDLSTLTGKNVLIVEDIIDTGKTMQTLLSLVRQYNPKMVKVA
 SVGYKPDFVGFEPDKFVVGYALDYNEYFRDLNHVCVISETGKAKYKA

GENE INFORMATION

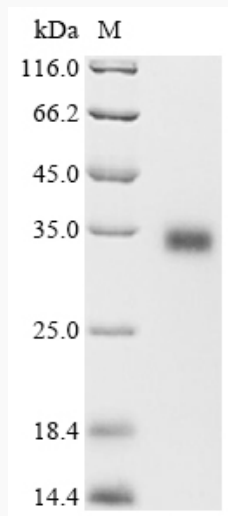
Gene Name	HPRT1 hypoxanthine phosphoribosyltransferase 1 [Homo sapiens]
Official Symbol	HPRT1
Synonyms	HPRT1; hypoxanthine phosphoribosyltransferase 1; HPRT; hypoxanthine-guanine phosphoribosyltransferase; Lesch Nyhan syndrome; HGPRTase;
Gene ID	3251
mRNA Refseq	NM_000194
Protein Refseq	NP_000185
MIM	308000
UniProt ID	P00492

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SDS-PAGE



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