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Datasheet for ABIN7312428

HPRT1 Protein (AA 1-218) (His tag)

Overview

Quantity:	50 µg
Target:	HPRT1
Protein Characteristics:	AA 1-218
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPRT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human HPRT1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala218 is expressed with a 6His tag at the N-terminus.
Sequence:	MGSSHHHHHH SSGLVPRGSH MATRSPGVVI SDDEPGYDLD LFCIPNHAE DLERVFIPHG LIMDRTERLA RDVMKEMGGH HIVALCVLKG GYKFFADLLD YIKALNRNSD RSIPMTVDFI RLKSYCNDQS TGDIVIGGD DLSTLTGKNV LIVEDIIDTG KTMQTLLSLV RQYNPKMVKV ASLLVKRTPR SVGYKPDFVG FEIPDKFVVG YALDYNEYFR DLNHVCVISE TGKAKYKAVE HHHHHH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	HPRT1
Alternative Name:	HPRT1 (HPRT1 Products)
Gene ID:	3251
UniProt:	P00492
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM Tris, 250 mM NaCl, 2 mM EDTA, 30 % Glycerol, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.