

Recombinant Human HGPRT/HPRT1 Protein (His Tag)



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by Elabscience

Catalog Number: PKSH032542

Note: Centrifuge before opening to ensure complete recovery of vial contents.

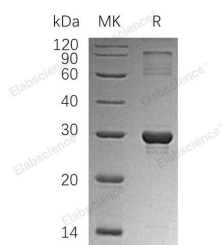
Description

Synonyms	Hypoxanthine-Guanine Phosphoribosyltransferase;HGPRT;HGPRTase;HPRT1;HPRT
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ala218
Accession	P00492
Calculated Molecular Weight	27.8 kDa
Observed molecular weight	29 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 250mM NaCl, 50% Glycerol, pH8.0.
Reconstitution	Not Applicable

Data



> 85 % as determined by reducing SDS-PAGE.

Background

Hypoxanthine-Guanine Phosphoribosyltransferase (HGPRT) has an important role in the generation of purine nucleotides through the purine salvage pathway. HPRT1 functions to salvage purines from degraded DNA to renewed purine synthesis, it acts as a catalyst in the reaction between guanine and phosphoribosyl pyrophosphate to form GMP.

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017