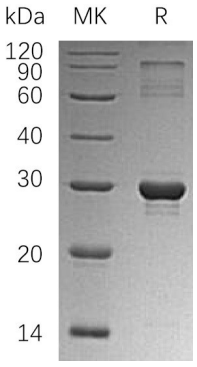
Product Name: Recombinant Human HGPRT (N-6His)
Catalog #: PEH0818

Summary

Name	Hypoxanthine-guanine phosphoribosyltransferase/HPRT1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hypoxanthine-Guanine Phosphoribosyltransferase 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.
Accession #	P00492
Host	E.coli
Species	Human
Predicted Molecular Mass	27.79 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 250mM NaCl, 50% Glycerol, pH8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Hypoxanthine-Guanine Phosphoribosyltransferase; HGPRT; HGPRTase; HPRT1; HPRT
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.

Note

For Research Use Only , Not for Diagnostic Use.