

HPRT Protein, Human, Recombinant (His)

General Information

Synonyms: HGPRT;Hypoxanthine-Guanine Phosphoribosyltransferase;HPRT;HGPRTase;HPRT1

Protein Construction: Met1-Ala218

Species: Human

Expression Host: *E. coli*

Accession: P00492

Molecular Weight: 29 KDa (reducing condition)

AA Sequence: Met1-Ala218

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: Greater than 85% as determined by reducing SDS-PAGE. (QC verified)

Endotoxin: < 0.1 ng/μg (1 EU/μg) as determined by LAL test.

Formulation: Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 250 mM NaCl, 50% Glycerol, pH8.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:

Shipping with blue ice.

Protein 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_email:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481