

Recombinant Human HGPRT/HPRT1 Protein(N-6His)

Cat.NO.: TP05727

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:27.8 kDa

Sequences:Met 1-Ala218

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.