



# Recombinant Human Hypoxanthine-guanine phosphoribosyltransferase (HPRT1)

<b>Product Code</b>	CSB-EP010706HU
<b>Relevance</b>	Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.
<b>Abbreviation</b>	Recombinant Human HPRT1 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P00492
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	ATRSPGVVISDDEPGYDLDFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMK EMGGHHIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSVCNDQ STGDIKVIIGGDDLSTLTGKNVLIVEDIIDTGKTMQTL LSLVRQYNPKMKVASLL VKRTPRSVGYKPDFVGF EIPDKFVVG YALDYNEYFRDLNHVCV ISETGKAKYK A
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Target Names</b>	HPRT1
<b>Expression Region</b>	2-218aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	28.4kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

