



Recombinant Human Hypoxanthine-guanine phosphoribosyltransferase (HPRT1)

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| Product Code | CSB-EP010706HU |
| Relevance | 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. |
| Abbreviation | Recombinant Human HPRT1 protein |
| Storage | 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. |
| Uniprot No. | P00492 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | ATRSPGVVISDDEPGYDLDFCIPNHYAEDLERVFIPHGLIMDRTERLARDVMK EMGGHHIVALCVLKGGYKFFADLLDYIKALNRNSDRSIPMTVDFIRLKSVCNDQ STGDIKVI GGDDLSTLTGKNVLIVEDIIDTGKTMQTL LSLVRQYNPKMKVASLL VKRTPRSVGYKPDFVGF EIPDKFVVG YALDYNEYFRDLNHVCV ISETGKAKYK A |
| Research Area | Metabolism |
| Source | E.coli |
| Target Names | HPRT1 |
| Expression Region | 2-218aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 28.4kDa |
| Protein Length | Full Length of Mature Protein |
| Image | |

