

Product datasheet for **TP720230XL**

QPRT (NM_014298) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human quinolinate phosphoribosyltransferase (QPRT) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-His297 |
| Tag: | N-His |
| Predicted MW: | 33 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per μ g protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_055113 |
| Locus ID: | 23475 |
| UniProt ID: | Q15274 , V9HWJ5 , B4DDH4 |
| Cytogenetics: | 16p11.2 |
| Synonyms: | HEL-S-90n; QPRTase |
| Summary: | This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous exitotoxin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015] |
| Protein Pathways: | Metabolic pathways, Nicotinate and nicotinamide metabolism |



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Product images:

