

Product Data Sheet

Recombinant Human QPRT Protein

Catalog #	Source	Reactivity	Applications
CRP2198	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human QPRT Protein is produced by E. coli expression system and the target gene encoding Met1-His297 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	QPRT		
Alternative Names	Nicotinate-nucleotide pyrophosphorylase [carboxylating]; Quinolate phosphoribosyltransferase [decarboxylating]; QAPRTase; QPRTase		
Entrez Gene	23475 (Human)		
SwissProt	Q15274 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MDAEGLALL PPVTLAALVD SWLREDCPGL NYAALVSGAG PSQAALWAKS PGILAGQPFF DAIFTQLNCQ VSWFLPEGSK LVPVARVAEV RGAHCLLLG ERVALNTLAR CSGIASAAAA AVEAARGAGW TGHVAGTRKT TPGFRLVEKY GLLVGGAASH RYDLGGLVMV KDNHVVAAGG VEKAVRAARQ AADFALKVEV ECSSLQEAVQ AAEAGADLVL LDNFKPEELH PTATVLKAQF PSVAVEASGG ITLDNLPQFC GPHIDVISMG MLTQAAPALD FSLKLFAKEV APVPKIH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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