

Recombinant Human QPRT Protein

Catalog #	Source	Reactivity	Applications
CRP2198	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human QPRT Protein is produced by our 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	<p>MGSSHHHHHH SSGLVPRGSH MDAEGLALLL PPVTLAALVD SWLREDCPGL NYAALVSGAG PSQAALWAKS PGILAGQPFF DAIFTQLNCQ VSWFLPEGSK LVPVARVAEV RGPACHLLLG ERVALNTLAR CSGIASAAAA AVEAARGAGW TGHVAGTRKT TPGFRLVEKY GLLVGGGAASH RYDLGGLVMV KDNHVVAAGG VEKAVRAARQ AADFALKVEV ECSSLQEAVQ AAEAGADLVL LDNFKPEELH PTATVLKAQF PSVAVEASGG ITLDNLPQFC GPHIDVISMG MLTQAAPALD FSLKLFKEV APVPKIH</p>		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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