

Recombinant Human UPRT Protein

Catalog #	Source	Reactivity	Applications
CRP2505	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human UPRT Protein is produced by E. coli expression system and the target gene encoding Met1-Asp309 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	UPRT		
Alternative Names	Uracil phosphoribosyltransferase homolog		
Entrez Gene	139596 (Human)		
SwissProt	Q96BW1 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MATELQCPDS MPCHNQQVNS ASTPSPEQLR PGDLILDHAG GNRASRAKVI LLTGIAHSSL PAELDSGACG GSSLNSEGNS GSGDSSSYDA PAGNSFLEDC ELSRQIGAQL KLLPMNDQIR ELQTIIRDKT ASRGDFMFSA DRLIRLVVEE GLNQLPYKEC MVTTPGTGYKY EGVKFEKGNC GVSIMRSGEA MEQGLRDCCR SIRIGKILIQ SDEETQRAKV YYAKFPDDIY RRVLLMYPI LSTGNTVIEA VKVLIEHGVQ PSVILLSLF STPHGAKSII QEFPEITILT TEVHPVAPTH FGQKYFGTD		
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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Product Data Sheet

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