

Recombinant Human UROS Protein

Catalog #	Source	Reactivity	Applications
CRP2508	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human UROS Protein is produced by our E. coli expression system and the target gene encoding Met1-Cys265 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, pH 8.0.		
Gene Symbol	UROS		
Alternative Names	Uroporphyrinogen-III synthase; UROIII; UROS; Hydroxymethylbilane hydrolyase [cyclizing]; Uroporphyrinogen-III cosynthase		
Entrez Gene	7390 (Human)		
SwissProt	P10746 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MKVLLKDAK EDDCGQDPYI RELGLYGLEA TLIPVLSFEF LSLPSFSEKL SHPEDYGGLI FTSPRAVEAA ELCLEQNNKT EVWERSLKEK WNAKSVYVVG NATASLVSKI GLDTEGETCG NAEKLAEYIC SRESSALPLL FPCGNLKREI LPKALKDKGI AMESITVYQT VAHPGIQGNL NSYYSQQGVP ASITFFSPSG LTYSLKHIQE LSGDNIDQIK FAAIGPTTAR ALAAQGLPVS CTAESPTPQA LATGIRKALQ PHGCCLEHHH HHH		
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

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