

Recombinant Human UPB1 Protein

Catalog #	Source	Reactivity	Applications
CRP2502	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human UPB1 Protein is produced by our E.coli expression system and the target gene encoding Met1-Glu384 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of PBS, pH7.4.		
Gene Symbol	UPB1		
Alternative Names	BUP1; Beta-ureidopropionase; BUP-1; Beta-alanine synthase; N-carbamoyl-beta-alanine amidohydrolase		
Entrez Gene	51733 (Human)		
SwissProt	Q9UBR1 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MAGAEWKSLE ECLEKHLPLP DLQEVKRVLY GKELRKLDLP REAFEASRE DFELQGYAFE AAEEQLRRPR IVHVGLVQNR IPLPANAPVA EQVSALHRR I KAIVEVAAMC GVNIICFQEA WTMPFAFCTR EKLPWTEFAE SAEDGPTTRF CQKLAKNHDM VVVSPILERD SEHGDVLWNT AVVISNSGAV LGKTRKNHIP RVGDFNESTY YMEGNLGHVP FQTQFGRIAV NICYGRHHPL NWLMYSINGA EIIFNPSATI GALSESLWPI EARNAAIANH CFTCAINRVG TEHFPNEFTS GDGKKAHQDF GYFYGSSYVA APDSSRTPGL SRSRDGLLVA KLDLNLCCQV NDVWNFKMTG RYEMYARELA EAVKSNYSPT IVKEVEHHHH HH</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

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Product Data Sheet

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