

Product Data Sheet

Recombinant Human UPB1 Protein

Catalog #	Source	Reactivity	Applications
CRP2502	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human UPB1 Protein is produced by 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	MAGAEWKSLE ECLEKHLPLP DLQEVKRVLY GKELRKLDLP REAFEASRE DFELQGYAFE AAEEQLRRPR IVHVGLVQNR IPLPANAPVA EQVSALHRRRI KAIVEVAAMC GVNIICFQEA WTMPFAFCTR EKLPWTEFAE SAEDGPTTRF CQKLAKNHDM VVVSPILERD SEHGDVLWNT AVVISNSGAV LGKTRKNHIP RVGDFNESTY YMEGNLGHPV FQTQFGRIAV NICYGRHHPL NWLMYISINGA EIIFNPSATI GALSESLWPI EARNAAIANH CFTCAINRVG TEHFPNEFTS GDGKKAHQDF GYFYGSSYVA APDSSRTPGL SRSRDGLLVA KLDLNLCCQQV NDVWNFKMTG RYEMYARELA EAVKSNYSPT IVKEVEHHHH HH		
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		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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