

Recombinant E. coli UIDA Protein

Catalog #	Source	Reactivity	Applications
CRP2497	E. coli	E. coli	E, WB, SDS-PAGE, MS

Description Recombinant E. coli UIDA Protein is produced by our E. coli expression system and the target gene encoding Met1-Gln603 is expressed with a 6His tag at the N-terminus.

Form Liquid in a 0.2 µM filtered solution of PBS, pH 7.4.

Gene Symbol UIDA

Alternative Names gurA; gusA; Beta-glucuronidase; GUS; Beta-D-glucuronoside glucuronosohydrolase

Entrez Gene 946149 (E. coli)

SwissProt P05804 (E. coli)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MNHKVHHHHH HMLRPVETPT REIKKLDGLW AFSLDRENG IDQRWWESAL
 QESRAIAVPG SFNDQFADAD IRNYAGNVWY QREVFIPKGW AGQRIVLRFD AVTHYGKVVW
 NNQEVMEHQG GYTPFEADV PYVIAGKSVR ITVCVNNELN WQTIPPGMVI TDENGKKKQS
 YFHDFNYAG IHRSVMLYTT PNTWVDDITV VTHVAQDCNH ASVDWQVVAN
 GDVSVELRDA DQQVVATGQG TSGTLQVVNP HLWQPGEGYL YELCVTAKSQ TECDIYPLRV
 GIRSAVKGE QFLINH KPFY FTGFRHEDA DLRGKGF DNV LMVHDHALMD WIGANSYRTS
 HYPYAEEMLD WADEHGIVVI DETAAVGFNL SLGIGFEAGN KPKEYSEEA VNGETQQAHL
 QAIKELIARD KNHPSVVMWS IANEPDTRPQ GAREYFAPLA EATRKLDPTR PITCVNVMFC
 DAHTDTISDL FDLVCLNRYG GWYVQSGDLE TAEKVLEKEL LAWQEKLHQP IIITEYGVDT
 LAGLHSMYTD MWSEYQCAW LDMYHRVFDR VSAVVGQVW NFADFATSQG
 ILRVGGNKKG IFTRDRPKS AAFLLQKRWT GMNFGKPKQ GKGKQ

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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

- 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.

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