

Unsaturated glucuronyl hydrolase Recombinant Protein | ugl recombinant protein

Recombinant Bacillus sp. (strain GL1) Unsaturated glucuronyl hydrolase

CATALOG # AAA116873	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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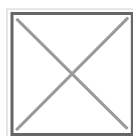
PRODUCT SYNONYMS

Unsaturated glucuronyl hydrolase; Recombinant Bacillus sp. (strain GL1) Unsaturated glucuronyl hydrolase; Glycosaminoglycan hydrolase; Glycuronidase; Unsaturated uronic acid hydrolase; ugl recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-377aa; Full Length
Sequence	MWQQAIGDAL GITARNLKKF GDRFPHVSDG SNKYVLNDNT DWTDGFWSGI LWLCYEYTGDEQYREGAVRT VASFRERLDR FENLDHHDIG FLYLSAKAQ WIVEKDESAR KLALDAADVL MRRWRADAGI IQAWGPKGDP ENGGRIIDC LLNLPLLLWA GEQTGDPEYR RVAEHALKS RRFLVRGDDS SYHTFYFDPE NGNAIRGGTH QGNTDGSTWT RGQAWGIYGF ALNSRYLGNA DLLETAKRMA RHFLARVPED GVVYWDFEVP QEPSSYRDSS ASAITACGLL EIASQLDESD PERQRFIDAA KTTVTALRDG YAERDDGEAE GFIRRGSYHV RGGISPDYIT IWGDYYYLEA LLRLERGVGT YWYERGR
Species	Bacillus sp. (strain GL1)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ugl recombinant protein	Catalyzes the hydrolysis of oligosaccharides with unsaturated glucuronyl residues at the non-reducing terminal, to a sugar or an amino sugar, and an unsaturated D-glucuronic acid (GlcA), which is nonenzymatically converted immediately to alpha-keto acid.
References	"Crystal structure of unsaturated glucuronyl hydrolase, responsible for the degradation of glycosaminoglycan, from Bacillus sp. GL1 at 1.8 Å resolution." Itoh T., Akao S., Hashimoto W., Mikami B., Murata K. J. Biol. Chem. 279:31804-31812(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	75470591
UniProt Accession #	Q9RC92
Molecular Weight	58.9 kDa

NCBI Official Full Name	Unsaturated glucuronyl hydrolase
UniProt Protein Name	Unsaturated glucuronyl hydrolase
UniProt Gene Name	ugl
UniProt Synonym Gene Names	UGL
UniProt Entry Name	UGL_BACGL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ugl-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116873>