

Glucosidase Beta, Acid (GbA) Recombinant Protein | GbA recombinant protein

Recombinant Glucosidase Beta, Acid (GbA)

CATALOG # AAA134544	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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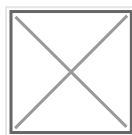
PRODUCT SYNONYMS

Glucosidase Beta; Acid (GbA); Recombinant Glucosidase Beta; GbA recombinant protein

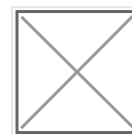
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSQSEF-VK GFGGAMTDAA ALNILALSPQ AQNLLKSYF SEEGIGYNII RVPMSQDFSI IRTYTYADTP DDFQLHNFSL PEEDTKLKIP LIHRALQLAQ RPSVSL
Sequence Length	536
Applicable Applications for GbA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Val117~Leu214 (Accession # P04062) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607043
NCBI GeneID	2629

NCBI Accession #	NP_000148.2
NCBI GenBank Nucleotide #	NM_000157.3
UniProt Accession #	P04062 ; Q16545 ; Q4VX22 ; Q6I9R6 ; Q9UMJ8 ; A8K796
Molecular Weight	12.3kDa
NCBI Official Full Name	glucosylceramidase isoform 1
NCBI Official Synonym Full Names	glucosidase, beta, acid
NCBI Official Symbol	GBA
NCBI Official Synonym Symbols	GCB; GBA1; GLUC
NCBI Protein Information	glucosylceramidase; beta-GC; alglucerase; imiglucerase; acid beta-glucosidase; beta-glucocerebrosidase; lysosomal glucocerebrosidase; D-glucosyl-N-acylsphingosine glucohydrolase
UniProt Protein Name	Glucosylceramidase
UniProt Gene Name	GBA
UniProt Synonym Gene Names	GC; GLUC; Beta-GC
UniProt Entry Name	GLCM_HUMAN

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/gba-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134544>