

Recombinant Rat Gba2 protein, His-tagged

Cat. No. Gba2-643R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gba2 protein(Q5M868)(512-877aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	512-877aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

GRFGYLEGQEYRMYNTYDVH FYASFALV MLWPKLELSLQYDMALATFKEDLTRRRY
 LMSGVVAPVKRRNVIPHDIGDPDDEPWLRVNAYLIHDTADWKDLNLKFVLQVYRDY
 YLTGDQGFLKDMWPVCLAVMESEMKFDKDQDGLIENGGYADQTYDGVVTTGPSA
 YCGGLWLA AVAVMVQMAVLCGAQDVQDKFSSILCRGREAYERLLWNGRYYNYDSS
 SQPQSR SVMSDQCAGQWFLRACGLGEGDTEVFPTLHVVRALKTIFELNVQAFAGG
 AMGAVNGMQPHGVPDRSSVQSDEVWVG VVYGLAATMIQEGLTWEGFRTAEGCYR
 TVWERLGLAFQTPEAYCQQRVFRSLAYMRPLSIWAM

GENE INFORMATION

Gene Name [Gba2 glucosidase beta 2 \[Rattus norvegicus \]](#)

Official Symbol [Gba2](#)

Synonyms GBA2; glucosidase beta 2; non-lysosomal glucosylceramidase; NLGase; beta-glucosidase 2; glucosylceramidase 2; beta-glucocerebrosidase 2; bile acid beta-glucosidase;

Gene ID [298399](#)

mRNA Refseq [NM_001013091](#)

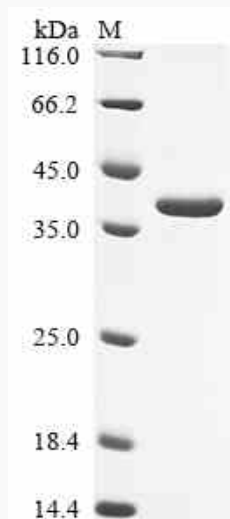
Protein Refseq [NP_001013109](#)

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SDS-PAGE



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