

## Recombinant Rat Gba2 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gba2 protein(Q5M868)(512-877aa), fused with C-terminal His tag, was expressed in E.coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	512-877aa
<b>Form</b>	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.
<b>Molecular Mass</b>	42.6 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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**

GRFGYLEGQEYRMYNTYDVHIFYASFALVMLWPKLELSLQYDMALATFKEDLTRRRY  
LMSGVVAPVKRRNVIPHDIGDPDDEPWLRVNAYLIHDTADWKDLNLKFVLQVYRDY  
YLTGDQGFLKDMWPVCLAVMESEMKFDDKQDGLIENGGYADQTYDGVWTTGPSA  
YCGGLWLA AVAVMVQMAVLCGAQDVQDKFSSILCRGREAYERLLWNGRYNYDSS  
SQPQRSVMSDQCAGQWFLRACGLGEGDTEVFPTLHVVRALKTIFELNVQAFAGG  
AMGAVNGMQPHGVPDRSSVQSDEVWGVVYGLAATMIQEGLTWEGFRTAEGCYR  
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](#)

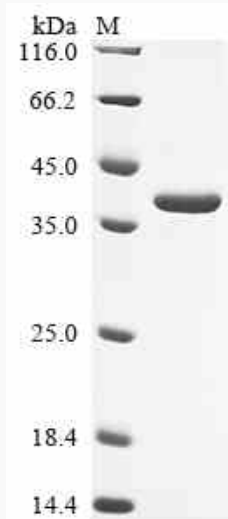
**Protein Refseq** [NP\\_001013109](#)

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**SDS-PAGE**



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