

## Recombinant Human GBA protein, His-tagged

**Cat. No.** GBA-2944H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GBA protein(P04062)(40-536aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	40-536aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	61.1 kDa
<b>AA Sequence</b>	<pre> ARPCIPKSFSGYSSVVCVCNATYCDSFDPPTFPALGTFSTRYESTRSGRRMELSMGPI QANHTGTGLLLTLQPEQKFQKVKGFGGAMTDAAALNILALSPPAQNLLLKSYFSEEG IGYNIIRVPMASCDIFSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLIHRALQLAQRPVS LLASPWTSPTWLKTNGAVNGKGS LKGQPGDIYHQTWARYFVKFLDAYAEHKLQFW AVTAENEPSAGLLSGYPFQCLGFTPEHQQRDFIARDLGPTLANSTHHNVRLMLDDQ RLLLPHWAKVVLTDPEAAKYVHGIAVHWYLDLAPAKATLGETHRLFPNTMLFASEA CVGSKFWEQSVRLGSDWRGMQYSHSITSLLYHVVGWTDWNLALNPEGGPNWVR NFVDSPPIVDITKDTFYKQPMFYHLGHFSKFIPEGSQRVGLVASQKNDLDAVALMHPD GSAVVVVLNRSSKDVPLTIKDPAVGFLETISPGYSIHTYLWRRQ           </pre>

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<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>	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. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	GBA glucosidase, beta, acid [ Homo sapiens ]
<b>Official Symbol</b>	GBA
<b>Synonyms</b>	GBA; glucosidase, beta, acid; GLUC, glucosidase, beta; acid (includes glucosylceramidase) , glucosylceramidase; glucosylceramidase; GBA1; alglucerase; imiglucerase; acid beta-glucosidase; beta-glucocerebrosidase; lysosomal glucocerebrosidase; D-glucosyl-N-acylsphingosine glucohydrolase; GCB; GLUC;
<b>Gene ID</b>	2629
<b>mRNA Refseq</b>	NM_000157
<b>Protein Refseq</b>	NP_000148
<b>MIM</b>	606463
<b>UniProt ID</b>	P04062

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