Recombinant Human GBA2 Protein, MYC/DDK-tagged

Cat. No. GBA2-622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBA2 fused with MYC/DDK tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a microsomal beta-glucosidase that catalyzes the hydrolysis of bile acid 3-O-glucosides as endogenous compounds. Studies to determine subcellular localization of this protein in the liver indicated that the enzyme was mainly enriched in the microsomal fraction where it appeared to be confined to the endoplasmic reticulum. This putative transmembrane protein is thought to play a role in carbohydrate transport and metabolism.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	104.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GBA2 glucosidase, beta (bile acid) 2 [Homo sapiens]

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Official Symbol	GBA2
Synonyms	GBA2; glucosidase, beta (bile acid) 2; non-lysosomal glucosylceramidase; AD035; bile acid beta glucosidase; DKFZp762K054; KIAA1605; non lysosomal glucosylceramidase; NLGase; beta-glucosidase 2; glucosylceramidase 2; beta-glucocerebrosidase 2; bile acid beta-glucosidase; MGC16895;
Gene ID	57704
mRNA Refseq	NM_020944
Protein Refseq	NP_065995
MIM	609471
UniProt ID	Q9HCG7

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