

Recombinant Human GBA3 protein (His tag) ab187481

1 Image

Description

Product name	Recombinant Human GBA3 protein (His tag)		
Purity	> 85 % SDS-PAGE. ab187481 was purified using conventional chromatography techniques.		
Expression system	Escherichia coli		
Accession	<u>Q9H227</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMAFPAGFGWAAATA AYQVEGGWDADGK GPCVWDTFTHQGGERVFKNQTDVACGSYTLWEEDLKC IKQLGLTHYRFS LSWSRLLPDGTTGFINQKGIDYNNKIIDDLLKNGVTPIVTLYH FDLPQTL EDQGGWLSEAIIESFDKYAQFCFSTFGDRVKQWITINEANV LSVMSYDLG MFPPGIPHFGTGGYQAAHNLKAHARSWHSYDSLFRKKQK GMVSLSLFAV WLEPADPNSVSDQEAAKRAITFHLDLFAKPIFIDGDYPEVV KSQIASMSQ KQGYPSSRLPEFTEEEKKMIKGTADFFAVQYYTTRLIKYQE NKKGELGIL QDAEIEFFPDPSWKNVDWIVVPWGVCKLLKYIKDTYNNP VIMTENGFP QSDPAPLDDTQRWEYFRQTFQELFKAIQLDKVNLQVYCA WSLLDNFEWNQ GYSSRFGLFHVDFEDPARPRVPYTSKEYAKIIRNNGLEAH L		
Predicted molecular weight	56 kDa including tags		
Amino acids	1 to 469		
Tags	His tag N-Terminus		
Additional sequence information	NP_066024.		

Specifications

Our **Abpromise guarantee** covers the use of **ab187481** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.02% DTT, 20% Glycerol (glycerin, glycerine), 79% PBS

General Info

Function Glycosidase probably involved in the intestinal absorption and metabolism of dietary flavonoid glycosides. Able to hydrolyze a broad variety of glycosides including phytoestrogens, flavonols, flavones, flavanones and cyanogens. Possesses beta-glycosylceramidase activity and may be involved in a nonlysosomal catabolic pathway of glycosylceramide.

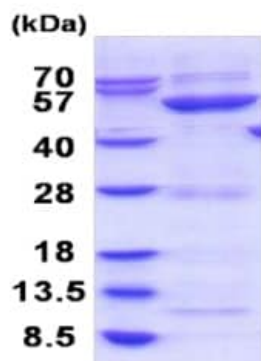
Tissue specificity Present in small intestine (at protein level). Expressed in liver, small intestine, colon, spleen and kidney. Down-regulated in renal cell carcinomas and hepatocellular carcinomas.

Sequence similarities Belongs to the glycosyl hydrolase 1 family. Klotho subfamily.

Post-translational modifications The N-terminus is blocked.

Cellular localization Cytoplasm > cytosol.

Images



15% SDS-PAGE analysis of 3µg ab187481.

SDS-PAGE - Recombinant Human GBA3 protein
(His tag) (ab187481)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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