

Product datasheet

Recombinant Human MANBA protein ab158857

1 Image

Description

Product name	Recombinant Human MANBA protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence	<p>MRLHLLLLLALCGAGTTAAELSYSLRGNWSICNGNGSL ELPGAVPGCVHS ALFQQGLIQDSYRFNDLNWRVSLDNWTYSKEFKIPF EISKWQKVNIL EGVDTVSKILFNEVTIGETDNMFNRYSDITNVVRDVNS IELRFQSAVLY AAQQSKAHTRYQVPPDCPPLVQKGECHVNFVRKEQC SFSWDWGPSFPTQG WKDVRIEAYNICHNLNYFTFSPYDKSAQEWNLIESTFD VVSSKPVGGQ VIVAIPKLQTQQTYSIELQPGKRIVELFVNISKNITVETWW PHGHGNQTG YNMTVLFELDGGGLNIEKSAKVYFRTVELIEEPIKGSPGL SFYFKINGFPI FLKGSNWIPADSFQDRVTSSELLRLLLQSVVDANMNTL RVWGGGIYEQDEF YELCDELGIMVWQDFMFACALYPTDQGFLDSVTAEVA YQIKRLKSHPSII WSGNNEEEALMMNWHISFTDRPMYKDYVTLVKNIR ELVLAGDKSR PFITSSPTNGAETVAEAWVSQNPNSNYFGDVHFYDYIS DCWNWKFVKAR FASEYGYQSWPSFSTLEKVSSSTEDWSFNKFSLHRQ HHEGGNKQMLYQAG LHFKLPQSTDPLRTFKDTIYLQVMQAQCVKTETEFYR RSRSEVDQQGH TMGALYWQLNDIWQAPSWASLEYGGKWKMLHYFAQN FFAPLLPVGFENEN MFYYGVSDLHSDYSMTLSVRVHTWSSLEPVCSRVTTE</p>
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RFVMKGGGEAVCLY
EEPVSELLRRCGNCTRESCVVSFYLSADHELLSPTNY
HFLSSPKEAVGLC
KAQITAIISQQGDIFVFDLETSVAVPFVWLDVGSIPGRF
SDNGFLMTEKT
RTILFYWEPTSKNELEQSFHVTSLTDIY

Amino acids 1 to 879
Tags GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158857** in the following tested applications.

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

Applications ELISA
Western blot

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function Exoglycosidase that cleaves the single beta-linked mannose residue from the non-reducing end of all N-linked glycoprotein oligosaccharides.

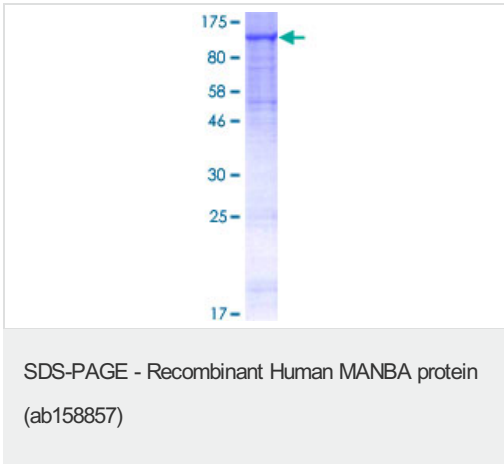
Pathway Glycan metabolism; N-glycan degradation.

Involvement in disease Defects in MANBA are the cause of a mild disorder that affects peripheral and central nervous system myelin.
Mannosidosis, beta A, lysosomal

Sequence similarities Belongs to the glycosyl hydrolase 2 family.

Cellular localization Lysosome.

Images



ab158857 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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