

Product datasheet

Recombinant Human Myelin oligodendrocyte glycoprotein ab152080

Description

Product name	Recombinant Human Myelin oligodendrocyte glycoprotein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>Q16653</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GQFRVIGPRHPIRALVGDEVELPCRISPGKNATGMEV ^{GWY} RPPFSRVVHL YRNGKDQDGDQAPEYRGRTELLKDAIGEGKVTLRIRNVRF SDEGGFT ^{CFF} RDHSYQEEAAMELKVEDPFYWVSPGVDHHHHHH
Predicted molecular weight	15 kDa including tags
Amino acids	30 to 154
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152080** 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 HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C.
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pH: 7.40

Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

General Info

Function

Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

Tissue specificity

Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes.

Sequence similarities

Belongs to the immunoglobulin superfamily. BTN/MOG family.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Cell membrane.

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

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- Replacement or refund for products not performing as stated on the datasheet
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