abcam

Product datasheet

Recombinant Human Asialoglycoprotein Receptor 1/HL-1 ab151893

Description

Product name	Recombinant Human Asialoglycoprotein Receptor 1/HL-1
Purity	> 95 % SDS-PAGE. ab151893 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Lyophilized from a 0.2 µM filtered solution.
Endotoxin level	< 0.100 Eu/µg
Expression system	HEK 293 cells
Accession	P07306
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QNSQLQEELRGLRETFSNFTASTEAQVKGLSTQGGNVGR KMKSLESQLEK QQKDLSEDHSSLLLHVKQFVSDLRSLSCQMAALQGNGS ERTCCPVNWVEH ERSCYWFSRSGKAWADADNYCRLEDAHLVVVTSWEEQ KFVQHHIGPVNTW MGLHDQNGPWKWVDGTDYETGFKNWRPEQPDDWYGH GLGGGEDCAHFTDD GRWNDDVCQRPYRWVCETELDKASQEPPLLVDHHHHHH
Predicted molecular weight	27 kDa including tags
Amino acids	62 to 291
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab151893** 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
Additional notes	Previously labelled as Asialoglycoprotein Receptor 1.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. pH: 7.20 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. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

Function	Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then returns to the cell membrane surface.
Tissue specificity	Expressed exclusively in hepatic parenchymal cells.
Sequence similarities	Contains 1 C-type lectin domain.
Post-translational modifications	Phosphorylated on a cytoplasmic Ser residue.
Cellular localization	Membrane.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors