

Product datasheet

Recombinant Human AHSG protein ab151889

Description

Product name	Recombinant Human AHSG protein	
Purity	<p>> 95 % SDS-PAGE.</p> <p>ab151889 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.</p> <p>Lyophilized from a 0.2 µM filtered solution.</p>	
Endotoxin level	< 0.100 Eu/µg	
Expression system	HEK 293 cells	
Accession	P02765	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> APHGPGLYRQPNCDDPETEEAALVAIDYINQNLPGYKHT LNQIDEVKV WPQQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEH AVEGDCDFQL LKLDGKFSVVYAKCDSSPDSAEDVRKVCQDCPLLAPLN DTRVVHAAKAAL AAFNAQNNGSNFQLEEISRAQLVPLPPSTVEFTVSGTDC VAKEATEAAK CNLLAEKQYGFCKATLSEKLGGAEVAVTCTVFQTQPVTS QPQPEGANEAV PTPVVDPDAPPSPLGAPGLPPAGSPDShVLLAAPPg HQLHRAHYDLRH TFMGVVSLGSPSGEVSHPRKTRTVVQPSVGAAGPVVP PCPGRIRHFKVV DHHHHHH </pre>	
Predicted molecular weight	38 kDa including tags	
Amino acids	19 to 367	
Tags	His tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab151889** 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.

pH: 7.50

Constituents: 0.32% Tris HCl, 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 Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.

Tissue specificity Synthesized in liver and selectively concentrated in bone matrix. Secreted in plasma. It is also found in dentin in much higher quantities than other plasma proteins.

Sequence similarities Belongs to the fetuin family.
Contains 2 cystatin fetuin-A-type domains.

Post-translational modifications Phosphorylation sites are present in the extracellular medium.

Cellular localization Secreted.

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

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