9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

AHSG Mouse

Alpha-2-HS-Glycoprotein Mouse Recombinant
RCP0034

Product Overview

Name	AHSG Mouse
Description	
Alpha-2-HS-Glycoprotein Mouse Recombinant	
Accession (Primary)	P29699
Synonyms	
Alpha-2-HS-glycoprotein, Countertrypin, Fetuin-A.	
Introduction	
AHSG (fetuin-A) which is a glycoprotein present in the serum, is synthesized by hepatocytes. AHSG is one of the fetuin class of plasma binding proteins. It is involved in a number of functions, such as endocytosis, brain development and the formation of bone tissue. It is usually present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, hence it has been postulated that it participates in the development of the tissues. Yet, its exact significance is still vague. AHSG promotes endocytosis, hold opsonic properties and influences the mineral phase of the bone. Affinity for calcium and barium ions has been shown.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
AHSG protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
APQGTGLGFR ELACDDPEAE QVALLAVDYL NNHLLQGFKQ VLNQIDKVKV WSRRPFGVVY EMEVDTLETT CHALDPTPLA NCSVRQLTEH AVEGDCDFHI LKQDGQFRVM HTQCHSTPDS AEDVRKLCPR CPLLTPFNDT NVVHTVNTAL AAFNTQNNGT YFKLVEISRA QNVPLPVSTL VEFVIAATDC TAKEVTDPAK CNLLAEKQHG	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FCKANLMHNL GGEEVSVACK LFQTQPQPAN ANAVGPVPTA NAALPADPPA SVVVGPVVVP RGLSDHRTYH DLRHAFSPVA SVESASGETL HSPKVGQPGA AGPVSPMCPG RIRHFKI HHH HHH .

Precautions

AHSG Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29699)