Recombinant Cynomolgus FGL1 (C-6His)

Catalog No. PKSQ050095

Note: Centrifuge before opening to ensure complete recovery of vial contents.

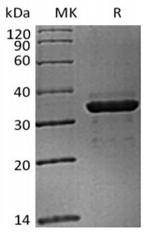
Description

Synonyms	Angiopoietin-related protein 4;425O18-1;Angiopoietin-like protein 4;Fasting-induced adipose factor;Hepatic fibrinogen/angiopoietin-related protein;HFARP;Secreted protein Bk89;Angptl4;Farp;Fiaf;Ng27
Species	Cynomolgus macaques
Expression Host	HEK293 Cells
Sequence	Leu23-Ile312
Accession	A0A2K5X990
Calculated Molecular Weight	34.8 kDa
Observed molecular weight	35 kDa
Tag	C-His
Bioactivity	Loaded Cynomolgus LAG-3-Fc(Cat#PKSQ050015) on Protein A Biosensor, can bind Cynomolgus FGL1-His(Cat#PKSQ050095) with an affinity constant of 28.6nM as determined in BLI assay.

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Trehalose, 300mM NaCl, 50% Glycerol, 0.05% Tween 80, pH 8.5.
Reconstitution	Not Applicable

Data



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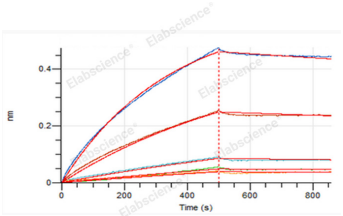

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Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Background

Hepassocin, also known as hepatocyte-derived fibrinogen-related protein 1 (HFREP-1), is a liver-specific secreted protein belonging to the fibronogen superfamily, whose members share a fibrinogen domain at their C-termini. It is secreted by the liver and functions as a mitogen for hepatocytes. Hepassocin may play a role in the development of hepatocellular carcinomas. Hepassocin is a disulfide-linked homodimeric protein with a C-terminal fibrinogen domain. It is reported that it is a major immune inhibitory ligand of LAG-3 .

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