FcRn Complex (FCGRT/B2M), His-Avi-Tag, Biotin-Labeled, HiP™ Recombinant

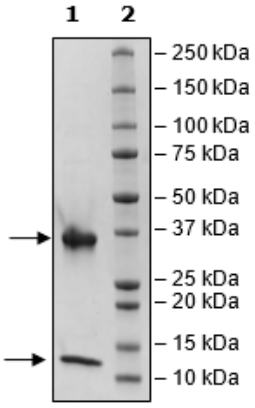
Catalog: 71283
Lot: 220908

Product Information

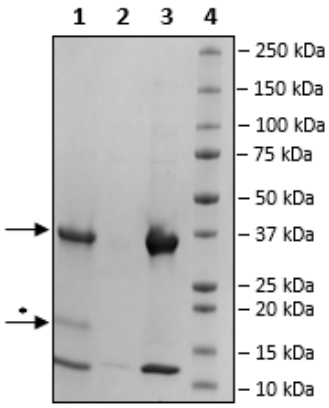
Description:	Recombinant human FcRn complex composed of FcRn (also known as Neonatal Fc receptor or FCGRT (Fc Fragment of IgG Receptor and Transporter)), encompassing amino acid 24-297 and B2M (beta 2 microglobulin), encompassing amino acids 21-119 respectively. FCGRT has a C-terminal His-tag (10xHis) followed by an Avi-tag. This protein is enzymatically biotinylated using Avi-Tag™ technology. These proteins are co-expressed in a HEK293 expression system and affinity purified. HiP™ indicates a high purity protein (≥90% pure) and less than 10% aggregation as measured by gel filtration.
Species:	Human
Construct:	FCGRT (24-297-His-Avi)-(Biotin) / B2M (21-119)
Concentration:	0.64 mg/ml
Expression System:	HEK293
Purity:	≥90%
Format:	Aqueous buffer solution.
Formulated In:	8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	FCGRT: 34 kDa + glycans; B2M: 14 kDa + glycans
Glycosylation:	This protein runs at a higher MW by SDS-PAGE due to glycosylation.
Aggregation:	<10%
Genbank Accession:	FCGRT: NM_001136019; B2M: NM_004048
Label:	This protein is enzymatically biotinylated using Avi-Tag™ technology. Biotinylation confirmed to be ≥90%.
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



Biotin-Avidin Pulldown



1. Beads
2. Flow thru
3. Control
4. Standards

* Avidin from beads.

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Gel Filtration Curve