

Datasheet for ABIN7125980 NPR1 Protein (Fc Tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NPR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human NPR1 / NPRA Protein, Fc Tag (MALS verified)
Sequence:	Gly 33 - Glu 473
Characteristics:	Human NPR1, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Gly 33 - Glu 473 (Accession # P16066-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	NPR1
Alternative Name:	NPR1 / NPRA (NPR1 Products)
Background:	Synonyms: Atrial natriuretic peptide receptor 1, NPR1, NPRA, GC-A, ANPRA, NPR-A,

Target Details

Receptor for the atrial natriuretic peptide NPPA/ANP and the brain natriuretic peptide NPPB/BNP which are potent vasoactive hormones playing a key role in cardiovascular homeostasis. Has guanylate cyclase activity upon binding of the ligand.

Molecular Weight: 75.3 kDa

NCBI Accession: [NP_000897](#)

Application Details

Application Notes: This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 75.3 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C