DIMA BIOTECH

PRODUCT INFORMATION

Tag	C-Flag Tag
Target	SLC34A2
Synonyms	NAPI-3B; NAPI-IIb; NPTIIb; PULAM
Description	Human SLC34A2 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	O95436
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	N/A
Molecular Weight	The human full length SLC34A2 protein has a MW of 75.8 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein is a pH-sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH. Defects in this gene are a cause of pulmonary alveolar microlithiasis.
Usage	Research use only
Conjugate	Unconjugated

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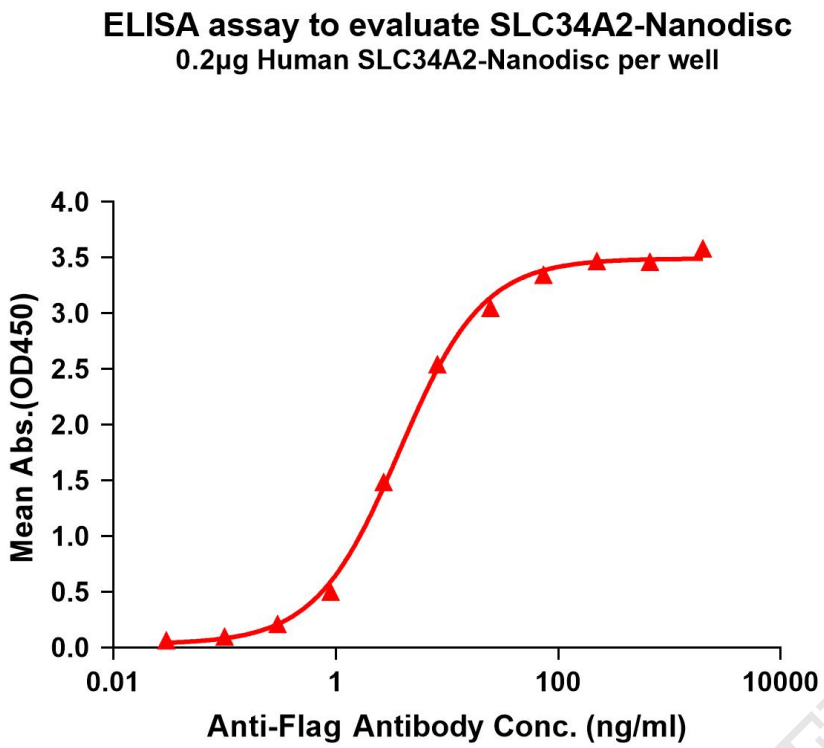

Figure 1. Elisa plates were pre-coated with Flag Tag SLC34A2-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC34A2-Nanodisc is 3.738ng/ml.

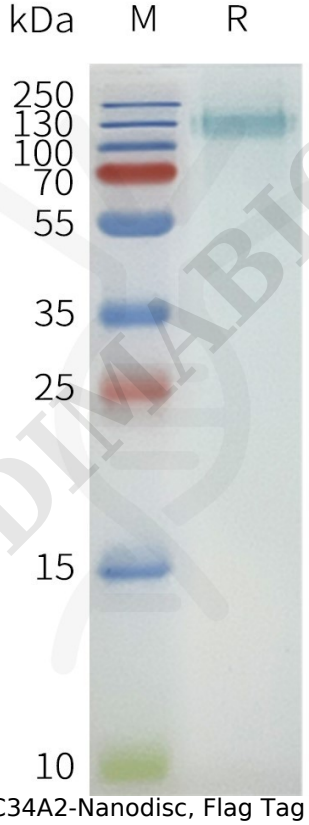

Figure 2. Human SLC34A2-Nanodisc, Flag Tag on SDS-PAGE

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