

For Research Use Only

SLC30A1 Recombinant antibody

Catalog Number: 82895-1-RR



Basic Information

Catalog Number: 82895-1-RR	GenBank Accession Number: BC121015	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7779	CloneNo.: 230152G12
Source: Rabbit	UNIPROT ID: Q9Y6M5	
Isotype: IgG	Full Name: solute carrier family 30 (zinc transporter), member 1	
Immunogen Catalog Number: AG18567	Calculated MW: 507 aa, 55 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

SLC30A1, also known as ZnT1, is a putative zinc transporter that can prevent cellular zinc toxicity via plasma membrane efflux. SLC30A1 is an integral membrane protein with a deduced length of 507 aa and is predicted to contain six transmembrane-spanning domains (PMID: 15378655).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

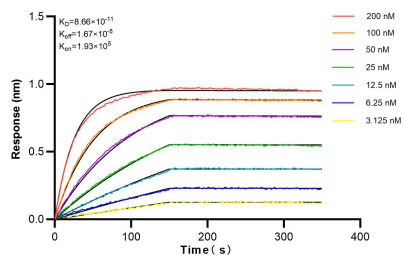
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 82895-1-RR against Human SLC30A1 were performed. The affinity constant is 86.6 pM.