

Recombinant Human Nephrin(NPHS1) ,partial

Catalog No: #AP70591

Package Size: #AP70591-1 20ug #AP70591-2 100ug #AP70591-3 1mg

Description

Product Name	Recombinant Human Nephrin(NPHS1) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-257aaSequence Info:Partial
Other Names	Renal glomerulus-specific cell adhesion receptor
Accession No.	O60500
Calculated MW	29.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QLAIPASVPRGFWALPENLTVVEGASVELRCGVSTPGSAVQWAKDGLLLGPDPRIPGFPRYRLEGDPARGEFLHLHIEACDLSDDAEYECQVGRSEMGPELVSPRVLSILVPPKLLLLTPEAGTMVTWVAGQEYVNCVSGDAKPAPDITILLSGQTISDISANVNEGSQQKLFTVEATARVTPRSSDNRQLLVCEASSPALEAPIKASFTVNVLFPPGPPVIEWPGLDEGHVRA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Ses to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation through regulation of myoblast fusion .

References

A spectrum of novel NPHS1 and NPHS2 gene mutations in pediatric nephrotic syndrome patients from Pakistan.Abid A., Khaliq S., Shahid S., Lanewala A., Mubarak M., Hashmi S., Kazi J., Masood T., Hafeez F., Naqvi S.A., Rizvi S.A., Mehdi S.Q.Gene 502:133-137(2012) Research Topic:Cell Adhesion

Note: This product is for in vitro research use only and is not intended for use in humans or animals.