

Recombinant Human Napsin-A(NAPSA)

Catalog No: #AP70576

Package Size: #AP70576-1 20ug #AP70576-2 100ug #AP70576-3 1mg

Description

Product Name	Recombinant Human Napsin-A(NAPSA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:64-420aaSequence Info:Full Length
Other Names	Aspartyl protease 4 ;ASP4 ;Asp 4Napsin-1TA01,TA02
Accession No.	O96009
Calculated MW	42.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KPIFVPLSNYRDVQYFGEIGLTTPQNFTVAFDTGSSNLWVPSRRCHFFSVPCWLHHRFDPKASSSFQANGT KFAIQYGTGRVDGILSEDKLTIGGIKGASVIFGEALWEPSLVFAFAHFDGILGLGFPILSVEGVRPPMDVLVEQG LLDKPVFSFYLNRPDPEPDGGELVLGGSDPAHYIPPLTFVPVTPAYWQIHMERVKVGPGLTLCAKGCAAILDT GTSLITGPTEEIRALHAAIGGIPLLAGHEYIILCSEIPKLPVSVFLLGGVWFNLTAHDYVIQTTNRNGVRLCLSGFQAL DVPPPAGPFWILGDVFLGTYVAVFDRGDMKSSARVGLARARTRGADLGWGETAQAQFPG
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

May be involved in processing of pneumocyte surfactant precursors.

References

Membrane-anchored aspartyl protease with Alzheimer's disease beta-secretase activity.Yan R., Bienkowski M.J., Shuck M.E., Miao H., Tory M.C., Pauley A.M., Brashier J.R., Stratman N.C., Mathews W.R., Buhl A.E., Carter D.B., Tomasselli A.G., Parodi L.A., Heinrikson R.L., Gurney M.E.Nature 402:533-537(1999)Research Topic:Cell Biology

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