Recombinant Human Trappin-2/Elafin Protein

Catalog No.: RP03554LQ

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Sequence Information

Species
Human

Gene ID
5266

Swiss Prot
P19957

Tags
C-His

Synonyms
PI3, WAP3, WFDC14,Elafin, Trappin-2

Product Information

Source
Mammalian

Purification
≥ 95 % as determined by reducing SDS-PAGE.

Calculated MW
11 KDa

Observed MW
13-18 KDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.

Reconstitution

Background

Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis. Has been shown to inhibit the alpha-4-beta-2/CHRNA2-CHRNB2 nicotinic acetylcholine receptor and to produce a weak inhibition on Kv11.1/KCNH2/ERG1 and on the transient receptor potential cation channel subfamily V member 1.

Basic Information

Description
Recombinant Human Trappin-2/Elafin Protein is produced by Mammalian system. The target protein is expressed with sequence (Ala23-Gln117) of Human Trappin-2/Elafin(Accession #NP_002629.1) fused with His tag at the C-Terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

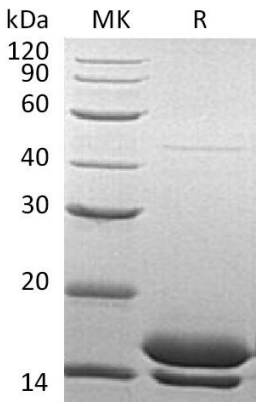
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Trappin-2/Elafin Protein was determined by reducing SDS-PAGE.

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