

Datasheet for ABIN7273946
BPIFA1 Protein (AA 20-256)

2 Images

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Overview

Quantity:	100 µg
Target:	BPIFA1
Protein Characteristics:	AA 20-256
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Human BPIFA1/LUNX Protein
Sequence:	Gln20-Val256
Characteristics:	Recombinant Human BPIFA1/LUNX Protein is expressed from E.coli without tag.It contains Gln20-Val256.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	BPIFA1
Alternative Name:	BPIFA1 (BPIFA1 Products)
Background:	Bactericidal/permeability-increasing fold containing family A, member 1 (BPIFA1) is a secretory

Target Details

protein found in human upper aerodigestive tract mucosa. This innate material is secreted in mucosal fluid or found in submucosal tissue in the human soft palate, lung, uvula, and nasal cavity. BPIFA1 is a critical component of the innate immune response that prevents upper airway diseases.

Molecular Weight: 24.8 kDa same as Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

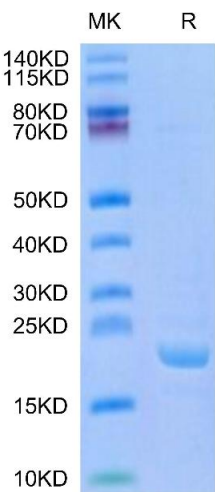
Buffer: Supplied as 0.22µm filtered solution in 50 mM Tris, 150 mM NaCl, 10 % Glycerol (pH 8.5).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

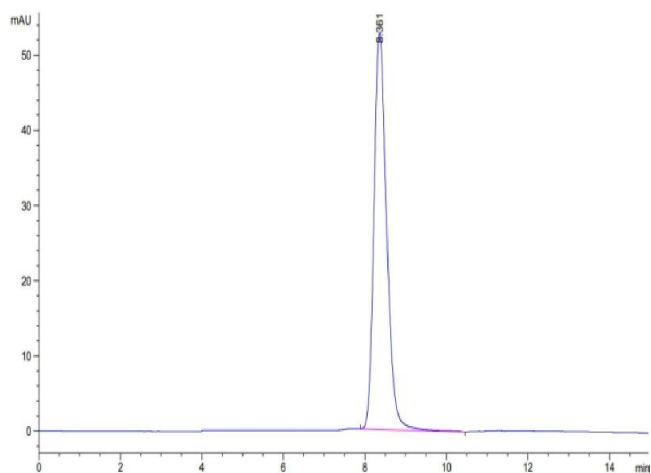
Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Human BPIFA1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human BPIFA1 is greater than 90 % as determined by SEC-HPLC.