

Datasheet for ABIN7273878

Aspartate beta Hydroxylase Protein (AA 341-758) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Aspartate beta Hydroxylase (ASPH)
Protein Characteristics:	AA 341-758
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aspartate beta Hydroxylase protein is labelled with His tag.

Product Details

Purpose:	Human ASPH Protein
Sequence:	Ile341-Ile758
Characteristics:	Recombinant Human ASPH Protein is expressed from E.coli with His tag at the N-Terminus.It contains Ile341-Ile758.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Aspartate beta Hydroxylase (ASPH)
Alternative Name:	ASPH (ASPH Products)

Target Details

Background:	Aspartate β -hydroxylase (ASPH) is silent in normal adult tissues only to re-emerge during oncogenesis where its function is required for generation and maintenance of malignant phenotypes. Exosomes enable prooncogenic secretome delivering and trafficking for long-distance cell-to-cell communication. Expression profiling of Notch signaling components positively correlates with ASPH expression in breast cancer patients, confirming that ASPH-Notch axis acts functionally in breast tumorigenesis.
Molecular Weight:	49.2 kDa same as Tris-Bis PAGE result.
Pathways:	Positive Regulation of Endopeptidase Activity

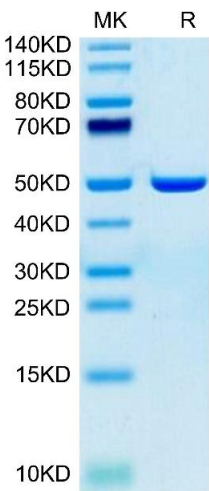
Application Details

Restrictions:	For Research Use only
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Handling

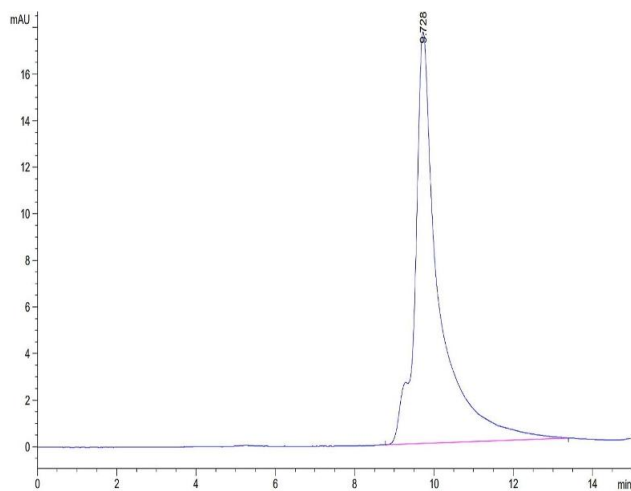
Format:	Liquid
Buffer:	Supplied as 0.22 μ m filtered solution in 20 mM Tris, 500 mM NaCl (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human ASPH 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 ASPH is greater than 95 % as determined by SEC-HPLC.