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# Aspartate beta Hydroxylase Protein (AA 75-270) (His tag)



Image



#### Overview

Quantity:	100 μg
Target:	Aspartate beta Hydroxylase (ASPH)
Protein Characteristics:	AA 75-270
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aspartate beta Hydroxylase protein is labelled with His tag.
Application:	SDS-PAGE (SDS)
Product Details	
Characteristics:	ASPH, 75-270aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

# Target Details

Target:	Aspartate beta Hydroxylase (ASPH)
Alternative Name:	ASPH (ASPH Products)
Background:	ASPH (Aspartate beta-hydroxylase) is a widely-expressed type II membrane protein involved in
	calcium homeostasis. Located in the endoplasmic reticulum, ASPH specifically hydroxylates an
	Asp or Asn residue in the epidermal growth factor-like (EGF) domains of several proteins, using
	iron as a cofactor. While all ASPH variants are expressed in skeletal muscle, only some are
	detected in heart, brain, pancreas, placenta, lung, liver, and kidney tissues. Recombinant human

#### **Target Details**

	ASPH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using
	conventional chromatography techniques. Synonyms: AAH, BAH, CASQ2BP1, HAAH, JCTN,
	junctin, Aspartyl/asparaginyl beta-hydroxylase ASP beta hydroxylase, Aspartyl/asparaginyl beta
	hydroxylase, Peptide aspartate beta dioxygenase,. NCBI no.: NP_001158227
Molecular Weight:	24.5 kDa (217aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)
Pathways:	Positive Regulation of Endopeptidase Activity

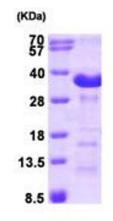
# **Application Details**

Restrictions: For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol
Storage:	4 °C

#### **Images**



15% SDS-PAGE (3ug)

# SDS-PAGE

Image 1.