

Aspartate Beta Hydroxylase Recombinant Protein | ASPH recombinant protein

Recombinant Aspartate Beta Hydroxylase (ASPH)

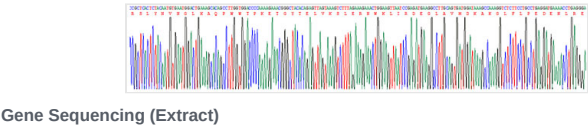
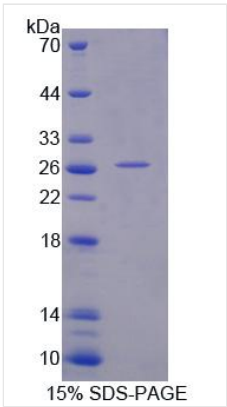
CATALOG # AAA20987	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Aspartate Beta Hydroxylase; Recombinant Aspartate Beta Hydroxylase (ASPH); ASPH recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	750 ug/mL (varies by lot)
Sequence	RSLYNVNLGL AQPWWTPKET GYTELVKSLE RNWKLIRDEG LAVMDKAKGL FLPEDENLRE KGDWSQFTLW QQGRRNENAC KGAPKTCTLL EKFPETTGC R GQIKYSIMH PGTHVWPHTG PTNCRLRMHL GLVIPKEGCK IRCANETKTW EEGKVLIFDD SFEHEVWQDA SSFRLIFVD VWHPELTPQQ RRRPSSNLAR APPPPPLRSG C
Applicable Applications for ASPH recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Arg562~Arg753+RPSSNLARAPPPPLRSGC
Tags	N-terminal His Tag
Subcellular Location	Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	217315795
NCBI GeneID	444
Molecular Weight	Predicted Molecular Mass: 28.1kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	aspartate beta-hydroxylase, partial
NCBI Official Synonym Full Names	aspartate beta-hydroxylase
NCBI Official Symbol	ASPH
NCBI Official Synonym Symbols	AAH; BAH; HAAH; JCTN; FDLAB; junctin; CASQ2BP1
NCBI Protein Information	aspartyl/asparaginyl beta-hydroxylase
UniProt Protein Name	Aspartyl/asparaginyl beta-hydroxylase
UniProt Gene Name	ASPH
UniProt Synonym Gene Names	BAH; ASP beta-hydroxylase
UniProt Entry Name	ASPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/asph-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20987>