

Hedgehog Homolog, Sonic (SHH) Active Protein | SHH active protein

Active Hedgehog Homolog, Sonic (SHH)

CATALOG # AAA153105	HOST 293F Cell	APPLICATIONS Activity Assay, Cell Culture
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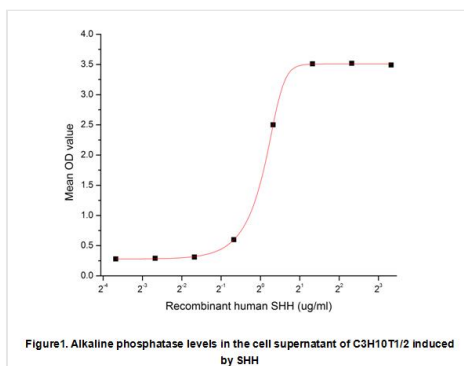
PRODUCT SYNONYMS

Hedgehog Homolog; Sonic (SHH); Active Hedgehog Homolog; Sonic; SHH active protein (eukaryotic; 293F Cell); Human; HHG1; HLP3; HPE3; SMMCI; SHHN; SHH-N; SHH active protein

PRODUCT SPECIFICATIONS

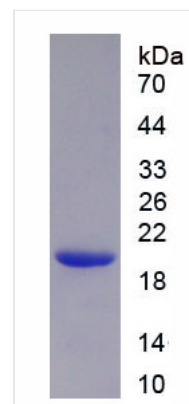
Host	293F Cell
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Pro36~Ala193
Applicable Applications for SHH active protein	Activity Assay, Cell Culture
Expression System	Eukaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.1
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Sonic Hedgehog (Shh) is expressed in embryonic tissues that are critical for the patterning of the developing central nervous system, somite, and limb. It is also involved in whisker, hair, foregut, tooth, and bone development. Shh regulates neural and he



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SHH active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6094283
NCBI GeneID	6469
UniProt Accession #	Q15465; Q75MC9; A4D247
Molecular Weight	462
NCBI Official Full Name	Sonic hedgehog protein
NCBI Official Synonym Full Names	sonic hedgehog
NCBI Official Symbol	SHH
NCBI Official Synonym Symbols	TPT; HHG1; HLP3; HPE3; SMMCI; TPTPS; MCOPCB5
NCBI Protein Information	sonic hedgehog protein; sonic hedgehog homolog
UniProt Protein Name	Sonic hedgehog protein
UniProt Gene Name	SHH
UniProt Synonym Gene Names	SHH
UniProt Entry Name	SHH_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://www.aaabiotech.com/293f-active-protein/hedgehog-homolog-sonic-shh/153105>