S-norcoclaurine synthase 2 Recombinant Protein | PR10A recombinant protein

Recombinant Coptis japonica (Japanese goldthread) S-norcoclaurine synthase 2

CATALOG #	HOST
AAA115846	**E Coli or Yeast or Baculovirus or Mammalian Cell**

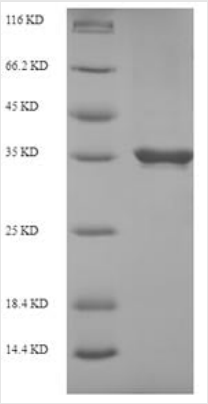
PRODUCT SYNONYMS

S-norcoclaurine synthase 2; Recombinant Coptis japonica (Japanese goldthread) S-norcoclaurine synthase 2; Pathogenesis related protein 10A; CjPR10A; PR10A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-196. Full Length of Mature Protein
Sequence	ERLIFNGRPL LHRVTKEETV MLYHELEVAA SADEVWSVEG SPELGLHLPD LLPAGIFAKF EITGDGGEGS ILDMTFPPGQ FPHHYREKFV FFDHKNRYKL VEQIDGDFFD LGVTYYMDTI RVVATGPDSC VIKSTTEYHV KPEFAKIVKP LIDTVPLAIM SEAIAKVVLE NKHKSSE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PR10A recombinant protein	Involved in the biosynthesis of the common precursor of all benzylisoquinoline alkaloids such as morphine, sanguinarine, codeine or berberine. Condenses dopamine and pyruvic acid or 4-hydroxyphenylpyruvate.
References	Functional analysis of norcoclaurine synthase in Coptis japonica.Minami H., Dubouzet E., Iwasa K., Sato F.J. Biol. Chem. 282:6274-6282(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300669657

UniProt Accession #	A2A1A1
Molecular Weight	36 kDa
NCBI Official Full Name	S-norcoclaurine synthase 2
UniProt Protein Name	S-norcoclaurine synthase 2
UniProt Gene Name	**PR10A**
UniProt Synonym Gene Names	CjPR10A
UniProt Entry Name	NCS2_COPJA

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/pr10a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115846