

Alpha-synuclein Recombinant Protein | Snca recombinant protein

Recombinant Rat Alpha-synuclein

CATALOG # AAA113661	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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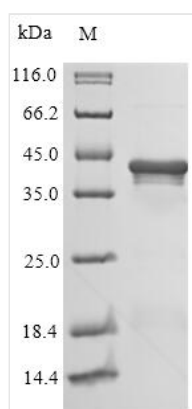
PRODUCT SYNONYMS

Alpha-synuclein; Recombinant Rat Alpha-synuclein; Snca 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	1-140, Full length protein
Sequence	MDVFMKGLSK AKEGVVAAE KTKQGVAAE GKTKEGVLYV GSKTKEGVVH GVTTVAEKT EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKQDM GKGEEGYPQE GILEDMPVDP SSEAYEMPSE EGYQDYEPEA
Sequence Length	140
Production Note	Special Offer: The E. coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E. coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E. coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E. coli host-expressed protein for the fastest delivery among all hosts. Please or email to for more details.
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 Snca recombinant protein	May be involved in the regulation of dopamine release and transport.
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References	The rat brain synucleins; family of proteins transiently associated with neuronal membrane.Maroteaux L., Scheller R.H.Brain Res. Mol. Brain Res. 11:335-343(1991) Synuclein a neuron-specific protein localized to the nucleus and presynaptic nerve terminal.Maroteaux L., Campanelli J.T., Scheller R.H.J. Neurosci. 8:2804-2815(1988) Increased expression of rat synuclein in the substantia nigra pars compacta identified by mRNA differential display in a model of developmental target injury.Kholodilov N.G., Neystat M., Oo T.F., Lo S.E., Larsen K.E., Sulzer D., Burke R.E.J. Neurochem. 73:2586-2599(1999) Alpha-synuclein maps to a quantitative trait locus for alcohol preference and is differentially expressed in alcohol-preferring and - nonpreferring rats.Liang T., Spence J., Liu L., Strother W.N., Chang H.W., Ellison J.A., Lumeng L., Li T.K., Foroud T., Carr L.G.Proc. Natl. Acad. Sci. U.S.A. 100:4690-4695(2003) Lubec G., Chen W.-Q.Submitted (APR-2007) to UniProtKB The UCH-L1 gene encodes two opposing enzymatic activities that affect alpha-synuclein degradation and Parkinson's disease susceptibility.Liu Y., Fallon L., Lashuel H.A., Liu Z., Lansbury P.T. Jr.Cell 111:209-218(2002)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9507125
NCBI GeneID	29219
NCBI Accession #	NP_062042.1
NCBI GenBank Nucleotide #	NM_019169.2
UniProt Accession #	P37377; P37378; Q53YM9
Molecular Weight	41.9kD
NCBI Official Full Name	alpha-synuclein
NCBI Official Synonym Full Names	synuclein alpha
NCBI Official Symbol	Snca
NCBI Protein Information	alpha-synuclein
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	Snca
UniProt Entry Name	SYUA_RAT

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/snca-recombinant-protein-e-coli/113661>