

Drosophila VSVG NJ Recombinant Protein

PX-P2099-100

DESCRIPTION

Peptidyl-prolyl cis-trans isomerase, rhodopsin-specific isozyme also known as PPIase or Rotamase is a part of the cyclophilin-type PPIase family. The main role of the PPIases is the acceleration of the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and it Acts on the folding of rhodopsin RH1 and RH2 (but not RH3) and is required for visual transduction.

OVERVIEW

SIZE	100 ug
ORIGIN SPECIES	Drosophila
FRAGMENT	
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	59.11kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Eukaryotic expression
HOST	Insect
PURITY	95%
PROTEIN ACCESSION	NP_476656.1
FORM	Frozen
BUFFER	PBS, pH 7.5
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID	33271
SWISSPROTID	P15425
UNIPROT ID	P15425
UNIPROT LINK	http://www.uniprot.org/uniprot/P15425
NCBI GENE ALIASES	CG3966, NINAA, Dmel\CG3966, ninA, NinaA
SYNONYMS	VSVG, neither inactivation nor afterpotential A, Peptidyl-prolyl cis-trans isomerase, rhodopsin-specific isozyme, PPIase, Rotamase

PROTEIN SEQUENCE

MKSLNRIILCSAFLAVASGLSFTVTSRIYMDVKHNKKPVGRITFGLFGKLPKTVANFRHICLRGINGTSYVGSRFHRVVDRLVQGGDIVNGDGTGSISYGDYF
PDEDKALAVEHNRPGYLGMANRGPDTNGCQFYVTTVGAKWLDGKHTVFGKVLEGMDTIYAIEDVKTDTDDFPVEPVVISNCGEIPTEQFEFYPDDFNILGWIK
AGLPVTSSFCVLLIFHYFFRQLNMYCGGDYKDDDDK

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