

PE-01APP80-P

SOD1-Tat (24-28) Peptide Powder

16-mer peptide based on SOD1



KINEXUS

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Target Protein

Name Long:	Superoxide dismutase [Cu-Zn]
Name Alias:	ALS; ALS1; IPOA; SODC; Superoxide dismutase 1, soluble
Species Origin:	Human
UniProt ID:	P00441

Peptide Structure

Peptide Name:	SOD1-Tat (24-28)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	K24-G28
Peptide Sequence:	YGRKKRRQRRRKESNG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2074.6
% Peptide Purity:	> 80
Peptide Appearance:	White sticky solid
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	USP01BTE
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Use of SOD1 disease-specific epitopes (DSEs) as a target for vaccines or immunotherapy for these diseases. Tat sequence is used to allow the peptide to be transported into cells.
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)