

Product datasheet

Recombinant human NEK3 protein ab89758

[5 Images](#)

Description

Product name	Recombinant human NEK3 protein
Biological activity	The Specific activity of ab89758 was determined to be 132 nmol/min/mg.
Purity	> 80 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab89758** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot Functional Studies
Form	Liquid
Additional notes	ab64311 (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

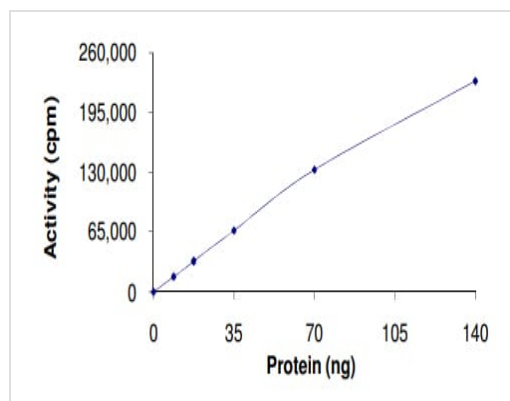
Function

Kinase that may play a role in mitotic regulation.

Sequence similarities

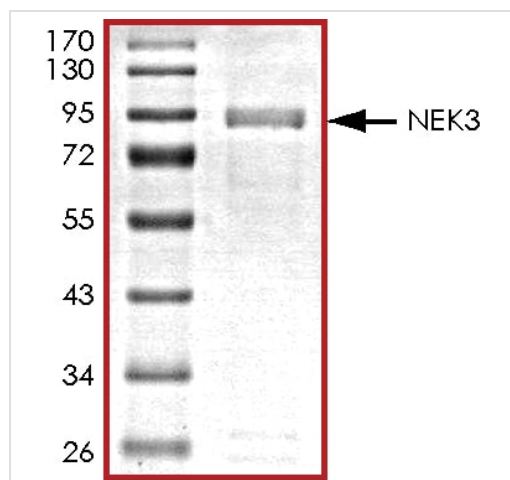
Belongs to the protein kinase superfamily. NEK Ser/Thr protein kinase family. NIMA subfamily. Contains 1 protein kinase domain.

Images



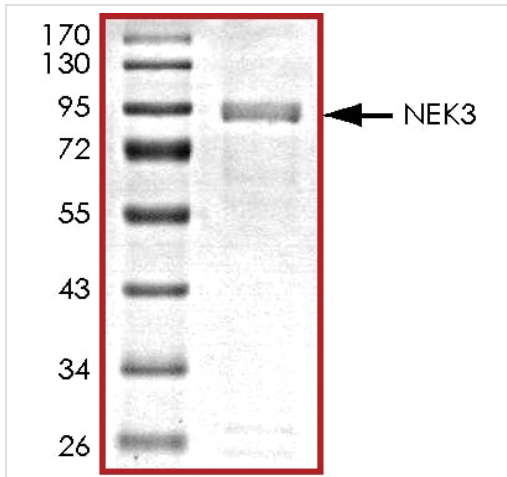
The specific activity of NEK3 (ab89758) was determined to be 112 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human NEK3 protein (ab89758)



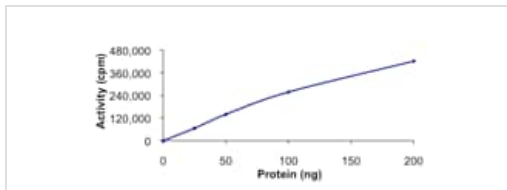
SDS PAGE analysis of ab89758

SDS-PAGE - Recombinant human NEK3 protein (ab89758)



SDS PAGE analysis of ab89758

SDS-PAGE - Recombinant human NEK3 protein (ab89758)



Kinase Assay demonstrating specific activity of ab89758.

Functional Studies - Recombinant human NEK3 protein (ab89758)



SDS-PAGE showing ab89758 at approximately 86kDa.

SDS-PAGE - Recombinant human NEK3 protein (ab89758)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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