

Recombinant human NEK7 protein ab60703

[1 References](#) [画像数 4](#)

製品の詳細

| | |
|-------------|--|
| 製品名 | Recombinant human NEK7 protein |
| 精製度 | > 90 % SDS-PAGE. Purity: >90% as determined by densitometry. Affinity purified. |
| 発現系 | Baculovirus infected Sf9 cells |
| アクセッション番号 | <u>Q8TDX7</u> |
| タンパク質長 | Full length protein |
| Animal free | No |
| 由来 | Recombinant |
| 生物種 | Human |
| タグ | GST tag N-Terminus |

特性

Our **Abpromise guarantee** covers the use of **ab60703** in the following tested applications.

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

| | |
|----------|---|
| アプリケーション | SDS-PAGE Functional Studies |
| 製品の状態 | Liquid |
| 備考 | <u>ab91092</u> (Cow Casein full length protein) can be utilized as a substrate for assessing Kinase activity |

前処理および保存

| | |
|------------|--|
| 保存方法および安定性 | 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. |
|------------|--|

関連情報

組織特異性

Highly expressed in lung, muscle, testis, brain, heart, liver, leukocyte and spleen. Lower expression in ovary, prostate and kidney. No expression seen in small intestine.

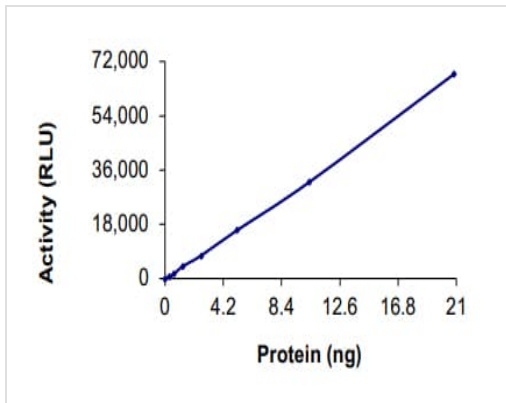
配列類似性

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

細胞内局在

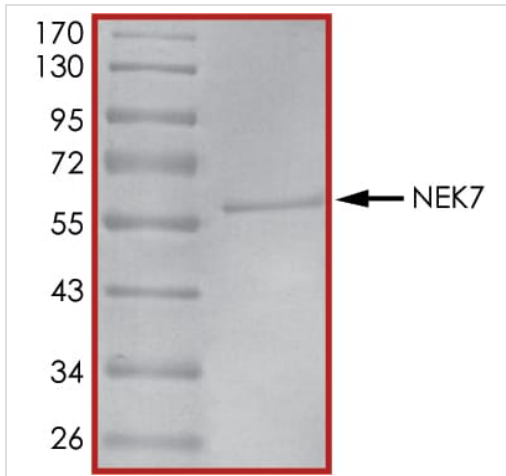
Cytoplasm.

画像



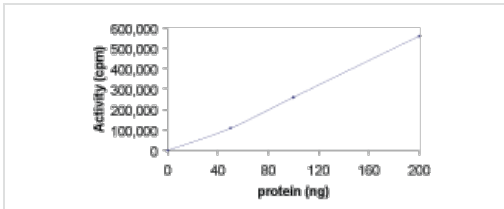
The specific activity of NEK7 (ab60703) was determined to be 9.2 nmol/min/mg as per activity assay protocol and was equivalent to 188 nmol/min/mg as per radiometric assay

Functional Studies - Recombinant human NEK7 protein (ab60703)



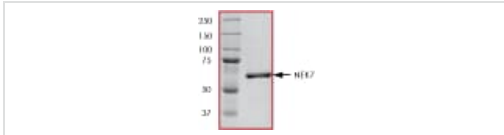
SDS PAGE analysis of ab60703

SDS-PAGE - Recombinant human NEK7 protein (ab60703)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human NEK7 protein (ab60703)



ab60703 on SDS-PAGE, MW ~63kDa.

SDS-PAGE - Recombinant human NEK7 protein (ab60703)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors