

Product datasheet

Recombinant human CDK5 + p25 protein ab60761

★★★★★ [1 Abreviews](#) [1 References](#) [4 Images](#)

Description

| | |
|--------------------------|--|
| Product name | Recombinant human CDK5 + p25 protein |
| Purity | > 90 % SDS-PAGE. Purity: >90% as determined by densitometry. Affinity purified. |
| Expression system | Baculovirus infected Sf9 cells |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Tags | GST tag N-Terminus |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab60761** in the following tested applications.

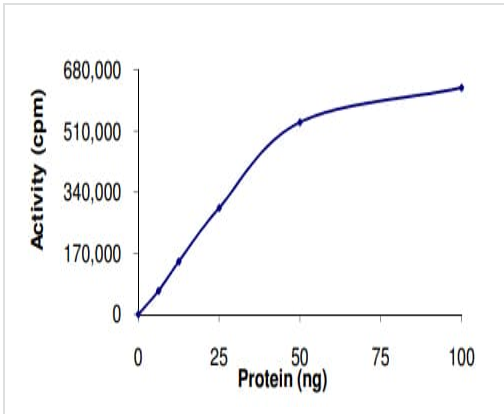
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|-------------------------|---|
| Applications | Western blot Functional Studies SDS-PAGE |
| Form | Liquid |
| Additional notes | ab89813 (Histone H1 protein) can be utilized as a substrate for assessing kinase activity |

Preparation and Storage

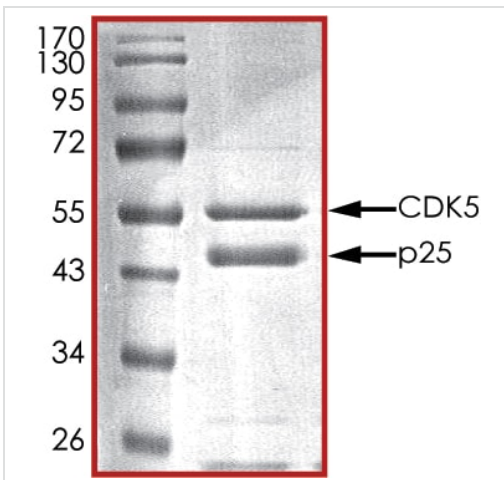
| | |
|------------------------------|--|
| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium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

Images



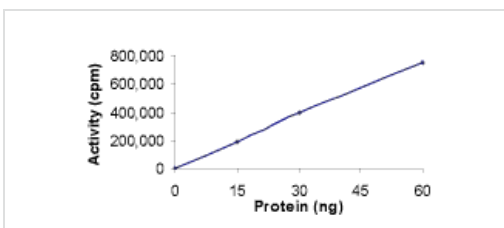
The specific activity of Cdk5 + Cyclin-dependent kinase 5 activator 1, p25 (ab60761) was determined to be 645 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human CDK5 + p25 protein (ab60761)



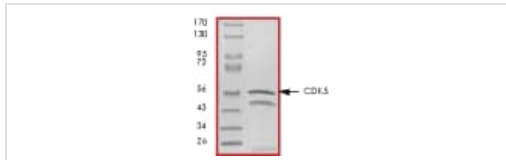
SDS PAGE analysis of ab60761

SDS-PAGE - Recombinant human CDK5 + p25 protein (ab60761)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human CDK5 + p25 protein (ab60761)



ab60761 on SDS-PAGE, p35 MW 59kDa and p25 49kDa.

SDS-PAGE - Recombinant human CDK5 + p25
protein (ab60761)

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