

Product datasheet

Recombinant human Hck protein ab60865

[4 Images](#)

Description

Product name	Recombinant human Hck protein
Purity	> 90 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	230 to 497
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab60865** 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 Functional Studies
Form	Liquid
Additional notes	<u>ab204877</u> (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

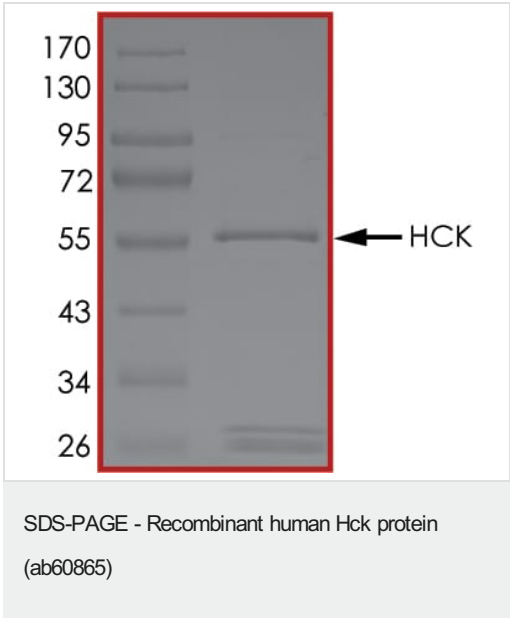
Preparation and Storage

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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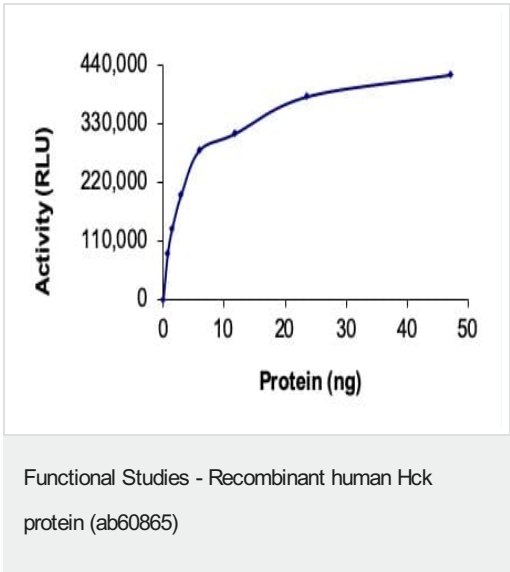
General Info

Function	May serve as part of a signaling pathway coupling the Fc receptor to the activation of the respiratory burst. May also contribute to neutrophil migration and may regulate the degranulation process of neutrophils.
Tissue specificity	Expressed predominantly in cells of the myeloid and B-lymphoid lineages.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
Domain	The SH3 domain mediates binding to HIV-1 Nef.
Cellular localization	Membrane. Cytoplasm. At least half of this isoform is found in the cytoplasm, some of this fraction is myristoylated and Membrane. Membrane > caveola. 20% of this isoform is associated with caveolae, this association depends on palmitoylation of cyteine at position 3.

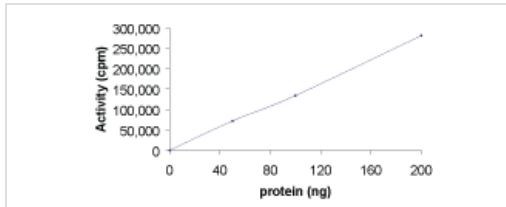
Images



SDS PAGE analysis of ab60865

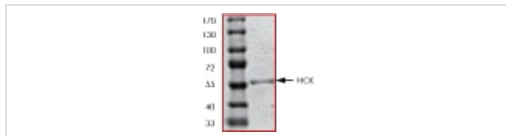


The specific activity of Hck (ab60865) was determined to be 290 nmol /min/mg as per activity assay protocol.



Sample Kinase Activity Plot.

Functional Studies - Recombinant human Hck protein (ab60865)



ab60865 on SDS-PAGE, MW ~57 kDa.

SDS-PAGE - Recombinant human Hck protein (ab60865)

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

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