

## Product datasheet

# Recombinant Human NK-1R protein ab152721

1 Image

### Description

<b>Product name</b>	Recombinant Human NK-1R protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre>MDNVLPVDSLSPNISTNTSEPNQFVQPAWQIVLWAAAYT VIVVTSVVGN VVVMWII LAHKRMRTVTNYFLVNLAFAEASMAAFNTVVNFT YAVHNEWYY GLFYCKFHNFPIAAVFASIYSMTAVAFDRYMAIIHPLQPRL SATATKVV ICVIWVLALLLAFPPQGYSTTETMPSRVVCMIEWPEHPNKIY EKVYHICV TVLIYFLPLL VIGYAYTVVGITLWASEIPGDSSDRYHEQVSA KRKVVKMM IVVCTFAICWLPFHIFLLPYINPDLYLKKFIQQVYLAIMWLA MSSTMYNPIYCCLNDR</pre>
<b>Predicted molecular weight</b>	62 kDa including tags
<b>Amino acids</b>	1 to 311

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab152721** in the following tested applications.

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

<b>Applications</b>	Western blot
	SDS-PAGE
	ELISA
<b>Form</b>	Liquid

### Additional notes

## Preparation and Storage

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### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Function

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

### Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

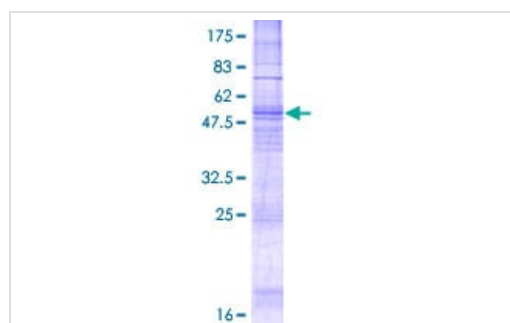
### Cellular localization

Cell membrane.

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## Images

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12.5% SDS-PAGE analysis of ab152721 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human NK-1R protein  
(ab152721)

**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

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- 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.com/abpromise> or contact our technical team.

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