

## Product datasheet

# Recombinant Human KIR5.1 protein ab158788

1 Image

### Overview

<b>Product name</b>	Recombinant Human KIR5.1 protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	KYYKVNCLQFEGSVEVYAPFCSAKQLDWKDQQLHIEK APPVRESCTSDTK ARRRSFSAVAVSSCENPEETTTSATHEYRETPYQKAL LTLNRISVES
<b>Amino acids</b>	319 to 416
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab158788** 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>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

### Preparation and Storage

<b>Stability and Storage</b>	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
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## General Info

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### Relevance

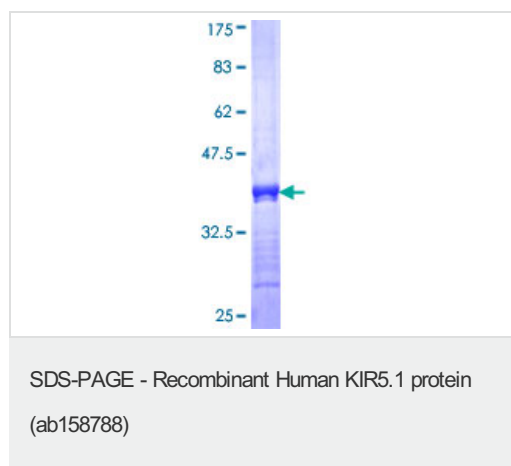
KIR5.1 is one of 20 members of the inwardly rectifying potassium (Kir) channel family. Due to its expression in kidney, pancreas and thyroid gland, it has been suggested that human KIR5.1 may be involved in the regulation of fluid and pH balance, thus making it a potential therapeutic target for hypertension, renal failure, or pancreatic disease.

### Cellular localization

Membrane; Multi pass membrane protein.

## Images

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ab158788 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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