# Recombinant Human FCRL6 protein (His tag) ab225642

## Overview

**Product name**
Recombinant Human FCRL6 protein (His tag)

**Protein length**
Protein fragment

## Description

**Nature**
Recombinant

**Source**
Escherichia coli

**Amino Acid Sequence**

**Accession**
Q6DN72

**Species**
Human

**Sequence**

```
LYLQAWPNPVFEGDALTLRCQGWKNTPLSQVKFYRDKFLHFSDKENQTLSMGAATVQRSQYSCSGQVMYIPQTFTQTSETAMVQVEQELFPVSPLSAIPSPEPREGSLVTLCQTKLHPLRSALRLFSFHKDGHTLQDRGPHPELCIPGAKEGDSGLYWCEVAPEGGQVQKQSPQLEVRVQAPVSRPVTLHHPADPAVGDMVQLLCEAQRGSPPILYSFYLDENGNSAPCGGTSSLFPVKSEQDAGNSCEAENSVSRSEPKKLKLGSSQVLFTPAS
```

**Molecular weight**
36 kDa including tags

**Amino acids**
20 to 307

**Tags**
His tag N-Terminus

**Additional sequence information**
Extracellular domain.

## Specifications

Our Abpromise guarantee covers the use of ab225642 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

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1 Image
Purity
> 90% SDS-PAGE.

Form
Liquid

Preparation and Storage

Stability and Storage
Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze/thaw cycle.
Constituents: 50% Glycerol, Tris buffer

General Info

Tissue specificity
Expressed by cytolytic cells including NK cells, effector and effector-memory CD8+ T-cells. Expression among T-cells is greatly expanded in HIV-1 infected individuals, and includes not only effector and effector-memory CD8+ T-cells but also populations of CD4+ T-cells.

Sequence similarities
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

Domain
Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). The phosphorylated ITIM motif is involved in PTPN11 binding.

Post-translational modifications
Phosphorylated on Tyr residue, inducing association with PTPN11.

Cellular localization
Membrane.

Images

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab225642 with 5% enrichment gel and 15% separation gel.

SDS-PAGE - Recombinant Human FCRL6 protein (His tag) (ab225642)

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