

Product datasheet

Recombinant Human EBI3 protein ab83026

[1 References](#) [2 Images](#)

Description

Product name	Recombinant Human EBI3 protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q14213</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RKGPPAALTLPVQCASRYPIAVDCSWTLPPAPNSTSP V SFIATYRL GMAARGHSWPCLQQTPSTSTCTITDVQLFSMAPYVLNVT AVHPWGSSSSF VP FITEHIKPDPEGVRLSPLAERQLQVQWEPPGSWPFPEIF SLKYW IRYKRQGAARFHRV GPIEATSFILRAVRPRARYVQVAAQDLTDYGEL SDWSLPATATMSLGK
Amino acids	21 to 229
Tags	His tag N-Terminus
Additional sequence information	This aa sequence represents the mature full length minus the signal peptide from aa 1 to 20. The His tag is a hexahistidine tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab83026** in the following tested applications.

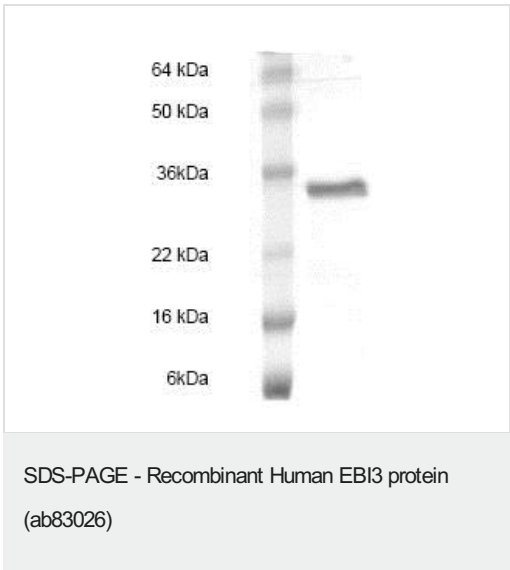
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Western blot
Form	Liquid

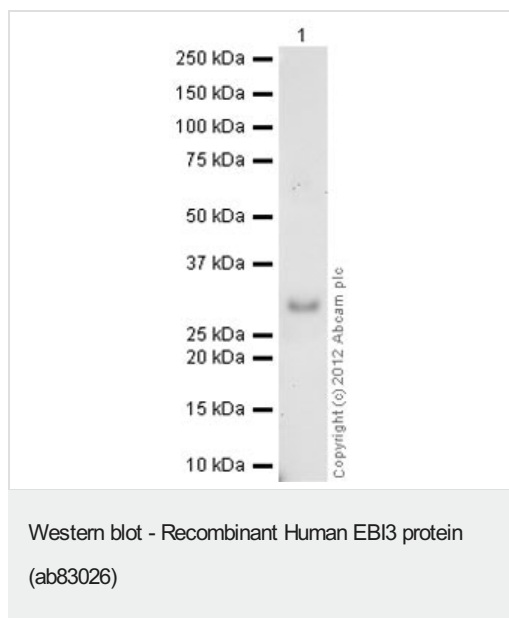
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. pH: 7.20 Constituents: PBS, 50% Glycerol
General Info	
Function	Associates with IL27 to form the IL-27 interleukin, a heterodimeric cytokine which functions in innate immunity. IL-27 has pro- and anti-inflammatory properties, that can regulate T-helper cell development, suppress T-cell proliferation, stimulate cytotoxic T-cell activity, induce isotype switching in B-cells, and that has diverse effects on innate immune cells. Among its target cells are CD4 T-helper cells which can differentiate in type 1 effector cells (TH1), type 2 effector cells (TH2) and IL17 producing helper T-cells (TH17). It drives rapid clonal expansion of naive but not memory CD4 T-cells. It also strongly synergizes with IL-12 to trigger interferon-gamma/IFN-gamma production of naive CD4 T-cells, binds to the cytokine receptor WSX-1/TCCR. Another important role of IL-27 is its antitumor activity as well as its antiangiogenic activity with activation of production of antiangiogenic chemokines.
Sequence similarities	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 2 fibronectin type-III domains.
Cellular localization	Secreted.

Images



SDS-PAGE showing ab83026.



Anti-EBI3 antibody (**ab72330**) at 2 µg/ml + Recombinant Human EBI3 protein (ab83026) at 0.1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 8 minutes

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

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