

Product datasheet

Recombinant Human IL36 gamma/IL-1F9 protein
ab167874

1 Image

Description

Product name	Recombinant Human IL36 gamma/IL-1F9 protein
Purity	> 90 % SDS-PAGE. purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9NZH8
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSMRGTPGD ADGGGRAVYQ SMCKPITGTI NDLNQQVWTL QGQNLVAVPR SDSVTPVTVA VITCKYPEAL EQGRGDPIYL GIQNPEMCLY CEKVGEQPTL QLKEQKIMDL YGQPEPVKPF LFYRAKTGRT STLESVAFPD WFIASSKRDQ PIILTSELGK SYNTAFELNI ND </pre>
Predicted molecular weight	21 kDa including tags
Amino acids	1 to 169
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab167874** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as IL36 gamma.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris-HCl buffer, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

Function as an agonist of NF-kappa B activation through the orphan IL-1-receptor-related protein 2. Could constitute part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist and interleukin-1 receptor type I (IL-1R1), that is present in epithelial barriers and takes part in local inflammatory response.

Tissue specificity

Highly expressed in tissues containing epithelial cells: skin, lung, stomach and esophagus. In skin is expressed only in keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Up-regulated in lesional psoriasis skin.

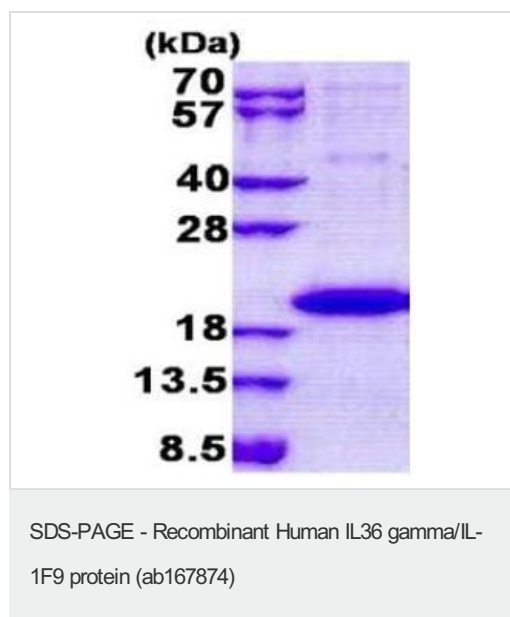
Sequence similarities

Belongs to the IL-1 family.

Cellular localization

Secreted.

Images



15% SDS-PAGE analysis of ab167874 (3µg)

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

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