

Product datasheet

Recombinant Human Indoleamine 2, 3-dioxygenase protein ab204138

[1 Image](#)

Description

Product name	Recombinant Human Indoleamine 2, 3-dioxygenase protein
Purity	> 95 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>P14902</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAHAMENSWTISKEYHIDEEVGFALPNPQENLPDFYNDW MFIKHLPLDI ESGQLRERVEKLNMLSIDHLTDHKSQRLARLVLCITMAY VWGKGHGDVR KVLPRNIAVPYCQLSKKLELPPILVYADCVLANWKKKDPN KPLTYENMDV LFSFRDGDCKSGFFLVLLVEIAAASAIKVIPTVFKAMQMQ ERDTLLKAL LEIASCLEKALQVFHQIHDHVNPKAFFSVLRMYLSGWKGNP QLSDGLVYE GFWEDPKEFAGGSAGQSSVFQCFDVLGIIQQTAGGGHA AQFLQDMRRYMP PAHRNFLCSLESNPSVREFVLSKGDAGLREAYDACVKAL VSLRSYHLQV TKYLIPASQQPKENKTSSEDPKLEAKGTGGTDLMNFKTV RSTTEKSL KEG
Predicted molecular weight	68 kDa including tags
Amino acids	1 to 403
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab204138** 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

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.79% Tris HCl, 0.29% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)

General Info

Function Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.

Pathway Amino-acid degradation; L-tryptophan degradation via kynurenine pathway; L-kynurenine from L-tryptophan: step 1/2.

Sequence similarities Belongs to the indoleamine 2,3-dioxygenase family.

Images



SDS-PAGE showing ab204138.

SDS-PAGE - Recombinant Human Indoleamine 2, 3-dioxygenase protein (ab204138)

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

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