Datasheet for ABIN7275398

PAD4 Protein (AA 1-663) (His tag,Biotin)

1 Image

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Overview

Quantity:	100 µg
Target:	PAD4 (PADI4)
Protein Characteristics:	AA 1-663
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAD4 protein is labelled with His tag,Biotin.

Product Details

Purpose:	Biotinylated Cynomolgus PADI4 Protein (Primary Amine Labeling)
Sequence:	Met1-Pro663
Characteristics:	Recombinant Biotinylated Cynomolgus PADI4 Protein (Primary Amine Labeling) is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Pro663.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PAD4 (PADI4)
Alternative Name:	PADI4 (PADI4 Products)

Target Details

Background:	Peptidylarginine deiminase type4 (PADI4) was firstly identified as a non-MHC RA genetic risk factor. Furthermore, PADI4 risk allele possessed the association with bone damage regardless of anti citrullinated peptide antibody (ACPA) positivity in Asian RA patients. PADI4 gene codes PAD4 protein which has post-translational modification activity (citrullination). Padi4 is mainly expressed in myeloid cells and granulocytes.
Molecular Weight:	76.6 kDa same as Tris-Bis PAGE result.
UniProt:	A0A2K5USI5

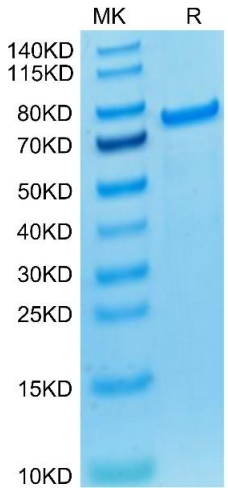
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as 0.22μm filtered solution in 20 mM Tris, 500 mM NaCl, 10 % Glycerol, 0.5 mM TCEP, 1 mM EDTA (pH 8.0).
Preservative:	Other preservative
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Biotinylated Cynomolgus PADI4 (Primary Amine Labeling) on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .