

Recombinant Human PADI4 Protein, His-GST-tagged

Cat. No. PADI4-2654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI4 Protein(NP_036519.2) (Met 1-Pro 663) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-663 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 0.5mM TCEP, pH 7.4.
Molecular Mass	The recombinant human PADI4/GST chimera consists of 900 amino acids and has a calculated molecular mass of 76 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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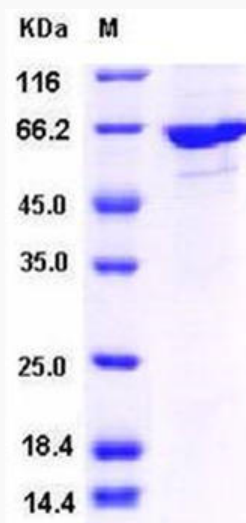
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_036519.2
Unit ID	Q9UM07
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q9UM07
GENE INFORMATION	
Gene Name	PADI4 peptidyl arginine deiminase, type IV [Homo sapiens]
Official Symbol	PADI4
Synonyms	PADI4; peptidyl arginine deiminase, type IV; PADI5, peptidyl arginine deiminase, type V; protein-arginine deiminase type-4; PAD; PDI4; PDI5; HL-60 PAD; PADI-H protein; protein-arginine deiminase type IV; peptidyl arginine deiminase, type V; PAD4; PADI5;
Gene ID	23569
mRNA Refseq	NM_012387
protein Refseq	NP_036519
MIM	605347

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SDS-PAGE

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