

Recombinant Human PADI4, His & GST tagged

Cat. No. PADI4-3871H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI4 (NP_036519.2) (Met 1-Pro 663), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
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.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	PADI4 peptidyl arginine deiminase, type IV [Homo sapiens]
Official Symbol	PADI4
Gene ID	23569
mRNA Refseq	NM_012387
Protein Refseq	NP_036519
MIM	605347
UniProt ID	Q9UM07

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