

Recombinant Human RIPK4 Protein, GST tagged

Cat. No. RIPK4-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RIPK4 (15-351) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	RIPK4 is a serine/threonine protein kinase that interacts with protein kinase C-delta which can also activate NFkappaB and is required for keratinocyte differentiation and it undergoes autophosphorylation. RIPK4 is a direct transcriptional target of p63, a known regulator of stratified epithelial development which acts as a nodal point in the cascade of molecular events that prevent pterygium syndromes. RIPK4 functions in the epidermis through PKC specific signaling pathways to regulate differentiation and inflammation.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Purity	> 75%
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Stability: 1 year at –70 centigrade from date of shipment.

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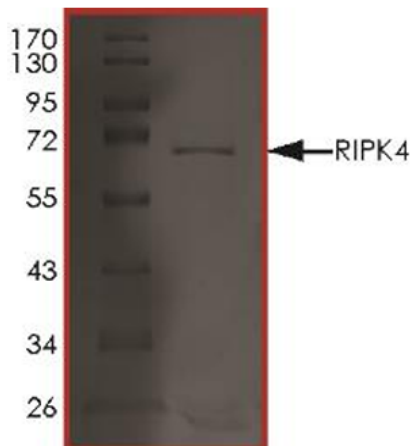
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Concentration	0.05 µg/µL
Shipping	DRY ICE
GENE INFORMATION	
Gene Name	RIPK4 receptor-interacting serine-threonine kinase 4 [Homo sapiens (human)]
Official Symbol	RIPK4
Synonyms	RIPK4; receptor-interacting serine-threonine kinase 4; ANKRD3, ankyrin repeat domain 3; receptor-interacting serine/threonine-protein kinase 4; ANKK2; DIK; PKC delta interacting protein kinase; PKK; protein kinase C associated kinase; RIP4; protein kinase C-associated kinase; PKC-delta-interacting protein kinase; serine/threonine-protein kinase ANKRD3; ankyrin repeat domain-containing protein 3; NKRD3; ANKRD3; MGC129992; MGC129993;
Gene ID	54101
mRNA Refseq	NM_020639
Protein Refseq	NP_065690
MIM	605706
UniProt ID	P57078

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Purity

The purity of RIPK4 was determined to be > 75% by densitometry. Approx. MW 57 kDa.

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