

Recombinant Human PRKRIR Protein (612-761 aa), His-SUMO-tagged

Cat. No. PRKRIR-740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKRIR Protein (612-761 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	612-761 aa
Description	Upstream regulator of interferon-induced serine/threonine protein kinase R (PKR). May block the PKR-inhibitory function of P58IPK, resulting in restoration of kinase activity and suppression of cell growth.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.6 kDa
AA Sequence	MGQLKFNTSEEHADMYRSDLPNPDTLSAELHCWRIKWKHRGKDIELPSTIYEALHL PDIKFFPNVYALLKVLCILPVMKVENERYENGRKRLKAYLRNTLTDQRSSNLALLNINF DIKHDLDMVDTYIKLYTSKSELPTDNSETVENT
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

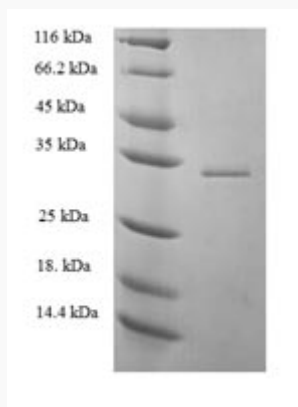
GENE INFORMATION

Gene Name	PRKRIR protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor) [Homo sapiens]
Official Symbol	PRKRIR
Synonyms	PRKRIR; DAP4; P52rIPK; THAP0; MGC102750;
Gene ID	5612
mRNA Refseq	NM_004705
Protein Refseq	NP_004696
MIM	607374
UniProt ID	O43422

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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