

Protein Kinase IFN Double Stranded RNA Activator Human Recombi-

Item Number	rAP-1691
Synonyms	Interferon-inducible double-stranded RNA-dependent protein kinase activator A, Protein Kinase IFN Double Stranded RNA Activator, PKR-associated protein X, PKR-associating protein X, Protein activator of the interferon-induced protein kinase, Protein kinas
Description	PRKRA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (1-313a.a) and having a molecular mass of 36.8kDa.PRKRA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O75569
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSQSRHR AEAPPLERED SGTFSLGKMI TAKPGKTIQ VLHEYG-MKTK NIPVYECERS DVQIHVPTFT FRVTVDITC TEGGTSKKLA KHRAAEAAIN ILKANASICF AV-PDPLMPDP SKQPKNQLNP IGSLQELAIH HGWRLPEYTL SQEGGPAHKR EYTTICRLES FMETGKGASK KQAKRNAAEK FLAKFSNISP ENHISLTVV GHSLGCTWHS LRNSPGEKIN LLKRSLLSIP NTDYIQLLSE IAKEQGFNIT YLDIDELSAN GQYQCLAELS TSPITVCHGS GISCGNAQSD AAHNALQYLK IIAERK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	PRKRA solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 1mM EDTA. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**