9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3104: PRKRA Recombinant Protein

Alternative Name :	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

Description

Source : Escherichia Coli. 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. Protein Kinase IFN Double Stranded RNA Activator, also known as PRKRA, mediates the effects of interferon when a viral infection takes place. PRKRA activates EIF2AK2/PKR in the absence of double-stranded RNA (dsRNA) and leads to phosphorylation of EIF2S1/EFI2-alpha and inhibition of translation and induction of apoptosis. Mutations in PRKRA are associated with dystonia.

Product Info

Amount :	10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	PRKRA solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 1mM EDTA.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSQSRHR AEAPPLERED SGTFSLGKMI TAKPGKTPIQ VLHEYGMKTK NIPVYECERS DVQIHVPTFT FRVTVGDITC TGEGTSKKLA KHRAAEAAIN ILKANASICF AVPDPLMPDP SKQPKNQLNP IGSLQELAIH HGWRLPEYTL SQEGGPAHKR EYTTICRLES FMETGKGASK KQAKRNAAEK FLAKFSNISP ENHISLTNVV GHSLGCTWHS LRNSPGEKIN LLKRSLLSIP NTDYIQLLSE IAKEQGFNIT YLDIDELSAN GQYQCLAELS TSPITVCHGS GISCGNAQSD AAHNALQYLK IIAERK.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.