Product Datasheet

Recombinant Human PKR GST (N-Term) Protein H00005610-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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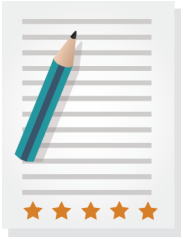
Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00005610-Q01

Updated 10/23/2024 v.20.1



H00005610-Q01-10ug

Recombinant Human PKR GST (N-Term) Protein

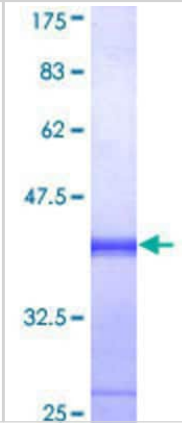
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	36.74 kDa

Product Description	
Description	A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 1-100 of Human PKR **Source:** *Wheat Germ (in vitro)* **Amino Acid Sequence:** MAGDLSAGFFMEELNTYRQKQGVVLKYQELPNSGPPHDRRFTFQVIIDGREFP EGEGRSKKEAKNAAAKLAVEILNKEKKAVSPLLLTTTNSSEGLSMGN
Gene ID	5610
Gene Symbol	EIF2AK2
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human PKR Protein [H00005610-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Jiang Y, Steinle JJ, Epac1 inhibits PKR to reduce NLRP3 inflammasome proteins in retinal endothelial cells J Inflamm Res 2019-06-12 [PMID: 31354329] (Func, Human)

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Products Related to H00005610-Q01-10ug

NBP1-84878PEP	PKR Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
MAB1980	PKR Antibody (HL71/10) [Unconjugated]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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