

# Product Datasheet

## Recombinant Human Importin alpha 2/KPNA2 His Protein NBP1-78888-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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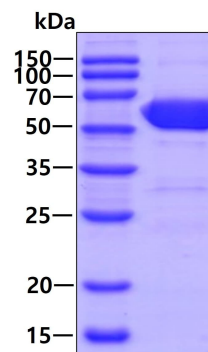


**NBP1-78888-50ug****Recombinant Human Importin alpha 2/KPNA2 His Protein**

<b>Product Information</b>	
<b>Unit Size</b>	50 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH8.0), 20% glycerol, 1 mM DTT
<b>Target Molecular Weight</b>	60.5 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-529 of Human Importin alpha 2/KPNA2</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SGLVPRGSH MGS HMSTNEN ANTPAARLHR FKNKGKDSTE MRRRRIEVNV ELRKAKKDDQ MLKRRNVSSF PDDATSPLQE NRNNQGT VNW SVDDIVKGIN SSVNENQLQA TQAARKLLSR EKQPPIDNII RAGLIPKFVS FLGRTDCSPI QFESAWALTN IASGTSEQTK VVDGGAIPA FISLLASPHA HISEQAVWAL GNIAGDGSVF RDLVIKYGAV DPLLALLAVP DMSSLACGYL RNLTWTLSNL CRNKNPAPPI DAVEQILPTL VRLHHDDPE VLADTCWAIS YLTDGPNERI GMVVKTGVVP QLVKLLGASE LPIVTPALRA IGNIVTGTDE QTQVVIDAGA LAVFPSLLTN PKTNIQKEAT WTMSNITAGR QDQIQVVNH GLVPFLVSVL SKADFKTQKE AVWAVTNYTS GGTVEQIVYL VHCGIIEPLM NLLTAKDTKI ILVILDAISN IFQAAENLGE TEKLSIMIEE CGGLDKIEAL QNHENESVYK ASLSLIEKYF SVEEEEDQNV VPETTSEGYT FQVQDGAPGT FNF</p>
<b>Gene ID</b>	3838
<b>Gene Symbol</b>	KPNA2
<b>Species</b>	Human
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page
<b>Recommended Dilutions</b>	SDS-Page

## Images

SDS-Page: Recombinant Human Importin alpha 2/KPNA2 Protein [NBP1-78888] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



## Publications

Fujimoto H, Ikuta T, Koike A, Koike M Corticostriatal Projections Relying on GABA Levels Mediate Exercise-Induced Functional Recovery in Cerebral Ischemic Mice *Biochemistry and Biophysics Reports* 2023-03-01 [PMID: 36620088] (Bind)

### Details:

A binding assay was performed with 50% NLS-immobilized Sepharose, 1 mg/ml bovine serum albumin, 0.1 μg recombinant human Imp2 (NBP1-78888; Novus Biologicals, Centennial, CO, USA), and 0.1 μg recombinant human Imp1 (NBP1-78815; Novus Biologicals) in 0.5 ml transport buffer by incubation for 2 h at 4°C with gentle rotation.



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### **Products Related to NBP1-78888-50ug**

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NBP2-38482PEP	Importin alpha 2/KPNA2 Recombinant Protein Antigen
NB100-143	Nbs1 Antibody
NB100-79807	Importin alpha 2/KPNA2 Antibody
H00001434-M08	CSE1L/CAS/Exportin-2 Antibody (3D8)

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### **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.

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