

# Product Datasheet

## Recombinant Human RAB10 His Protein NBP2-23392

Unit Size: 0.05 mg

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

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**NBP2-23392**

## Recombinant Human RAB10 His Protein

**Product Information**

<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	0.5 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>	>85%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.4M UREA
<b>Target Molecular Weight</b>	24.7 kDa

**Product Description**

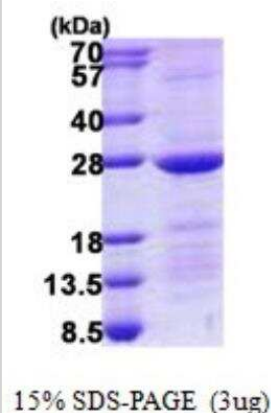
<b>Description</b>	<p>A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-200 of Human RAB10</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MAKPTYDLLF KLLIGDSGV GKTCVLFRRS DDAFNTTFIS TIGIDFKIKT VELQGKKIKL QIWDTAGQER FHTITTSYYR GAMGIMLVYD ITNGKSFENI SKWLRNIDEH ANEDVERMLL GNKCDMDDKR VVPKGKGGEQI AREHGIRFFE TSAKANINIE KAFLTAEI LRKTPVKEPN SENVDISSGG GVTGWKSKCC</p>
<b>Gene ID</b>	10890
<b>Gene Symbol</b>	RAB10
<b>Species</b>	Human

**Product Application Details**

<b>Applications</b>	Western Blot, SDS-Page
<b>Recommended Dilutions</b>	Western Blot, SDS-Page
<b>Application Notes</b>	Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays. Use in WB reported in scientific literature (PMID:10.1242/dmm.048017)

**Images**

SDS-Page: Recombinant Human RAB10 Protein [NBP2-23392]



## Publications

Yuan Yuan, Huizhong Li, Kashyap Sreeram, Tuyana Malankhanova, Ravindra Boddu, Samuel Strader, Allison Chang, Nicole Bryant, Talene A. Yacoubian, David G. Standaert, Madalynn Erb, Darren J. Moore, Laurie H. Sanders, Michael W. Lutz, Dmitry Velmeshev, Andrew B. West Single molecule array measures of LRRK2 kinase activity in serum link Parkinson's disease severity to peripheral inflammation Molecular Neurodegeneration 2024-06-11 [PMID: 38862989]

Calamini B, Geyer N, Huss-Braun N et al. Development of a physiologically relevant and easily scalable LUHMES cell-based model of G2019S LRRK2 driven parkinson's disease Disease models & mechanisms 2021-05-06 [PMID: 34114604] (WB)

Miyamoto T, Hosoba K, Itabashi T et al. Insufficiency of ciliary cholesterol in hereditary Zellweger syndrome EMBO J. 2020-05-05 [PMID: 32368833] (In vitro)





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### **Products Related to NBP2-23392**

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AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific
NBP3-27753	RAB10 Antibody (SR2479)
NBP1-49533	Glut4 Antibody - BSA Free
MAB1417	Insulin Antibody (182410) [Unconjugated]

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### **Limitations**

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