

# Product Datasheet

## **HIF-1 alpha Knockout Hypoxic-treated/untreated HeLa Cell Lysate NBP3-11827**

Unit Size: 2 Vials

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP3-11827**

HIF-1 alpha Knockout Hypoxic-treated/untreated HeLa Cell Lysate

Product Information	
Unit Size	2 Vials
Concentration	1.0 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Buffer	The protein lysates are prepared in 1x Laemmli sample buffer with BME. Boiling before loading is not necessary.
Product Description	
Gene ID	3091
Gene Symbol	HIF1A
Species	Human
Preparation Method	HIF-1 alpha KO HeLa cells are grown under standard tissue culture conditions until semi-confluent (70-80%). The cells are grown under true hypoxic conditions where the oxygen level in the incubator is reduced to 2% for 4 hours to accumulate Hif-1a within the cells. The cells are then washed in PBS and directly lysed into 1X Laemmli sample buffer with BME. The lysate is sonicated and tested by Western blot.
Kit Components	0.1 ml HIF-1 alpha Knockout HeLa Hypoxic whole cell lysate, 0.1 ml HIF-1 alpha Knockout HeLa Normoxic whole cell lysate
Lysate Type	Knockout Hypoxic-treated/untreated HeLa Cell
Lysate Subcellular Fraction	Hypoxic / Normoxic
Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page 10 ul / lane
Application Notes	HIF-1 alpha KO HeLa Whole cell lysate is provided as a Western blot positive control for Hif-1 research. The lysates are provided as a set of hypoxic and normoxic samples. Use 10 ul per lane for a standard mini-gel blot (approx. 1 mg/ml).





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### **Products Related to NBP3-11827**

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NB100-105	HIF-1 alpha Antibody (H1alpha67)
NB100-479	HIF-1 alpha Antibody - BSA Free
NB100-122	HIF-2 alpha/EPAS1 Antibody - BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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