

Recombinant Human NOXA2/p67phox protein
ab117065

1 Image

Description

Product name	Recombinant Human NOXA2/p67phox protein		
Expression system	Wheat germ		
Accession	<u>P19878</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MSLVEAISLWNEGVLAADKKDWKGALDAFSAVQDPHSRI CFNIGCMYIL KNMTEAEKAFTRSINRDKHLAVAYFQRGMLYYQTEKYDLAI KDLKEALIQ LRGNQLIDYKILGLQFKLFACEVLYNIAFMYAKKEEWKKAE EQLALATSM KSEPRHSKIDKAMECVWKQKLYEPVVIPVGRLFRPNERQ VAQLAKKDYL KATVVASVVDQDSFSGFAPLQPQAAEPPRPKTPEIFRA LEGEAHRVLF FVPETKEELQVMPGNMFVLKKGNDNWATVMFNGQKGLV PCNYLEPVELR IHPQQQPQEESSPQSDIPAPPSSKAPGRPQLSPGQKQKE EPKEVKLSVPM PYTLKVHYKYTVVMKTQPLPYSQVRDMVSKKLELRLEQT KLSYRPRDSN ELVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFPDE PKESEKADANNQ TTEPQLKKGSQVEALFSYEATQPEDLEFQEGDIILVLSKVN EEWLEGECK GKVGIKPKVFVEDCATTDLESTRREV		
Predicted molecular weight	84 kDa including tags		
Amino acids	1 to 526		

Specifications

Our **Abpromise guarantee** covers the use of **ab117065** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	SDS-PAGE
	ELISA
Form	Liquid

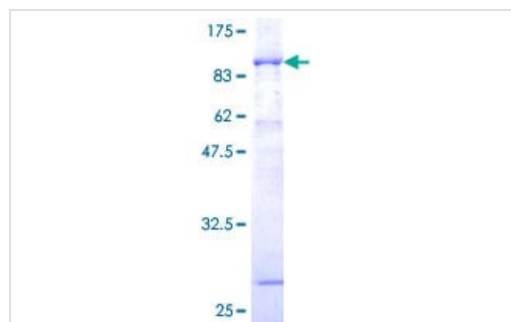
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
Involvement in disease	Defects in NCF2 are a cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 2 (CGD2) [MIM:233710]. Chronic granulomatous disease is a genetically heterogeneous disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections.
Sequence similarities	Belongs to the NCF2/NOXA1 family. Contains 1 OPR domain. Contains 2 SH3 domains. Contains 3 TPR repeats.
Cellular localization	Cytoplasm.

Images



SDS-PAGE - Recombinant Human NOXA2/p67phox protein (ab117065)

12.5% SDS-PAGE showing ab117065 at approximately 83.86 kDa.
Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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