Recombinant Full Length Human NPLOC4 Protein, Flag-tagged

Cat. No. NPLOC4-1349HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein of human nuclear protein localization 4 homolog (S. cerevisiae) (NPLOC4) with a Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	The ternary complex containing UFD1, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. Acts as a negative regulator of type I interferon production via the complex formed with VCP and UFD1, which binds to DDX58/RIG-I and recruits RNF125 to promote ubiquitination and degradation of DDX58/RIG-I.
Molecular Mass	67.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Notes	For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Full Length	Full L.

GENE INFORMATION

Gene Name	NPLOC4 NPL4 homolog, ubiquitin recognition factor [Homo sapiens (human)]
Official Symbol	NPLOC4
Synonyms	NPLOC4; NPL4 homolog, ubiquitin recognition factor; NPL4; nuclear protein localization protein 4 homolog; NPLOC4 ubiquitin recognition factor; nuclear protein localization 4 homolog
Gene ID	55666
mRNA Refseq	NM_017921
Protein Refseq	NP_060391
MIM	606590
UniProt ID	Q8TAT6

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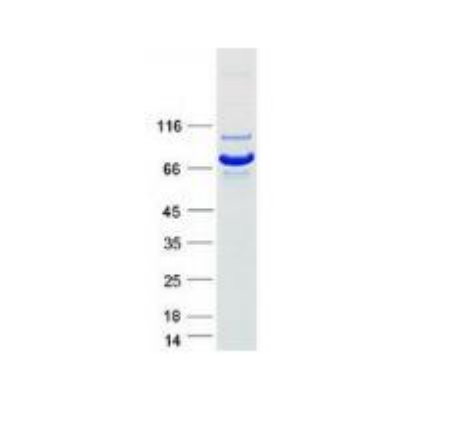
SDS-PAGE



Coomassie blue staining of purified NPLOC4 protein. The protein was produced from HEK293T cells transfected with NPLOC4 cDNA clone using MegaTran 2.0.

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