

# Recombinant Human IPO4

Catalog No: #GP11672



Package Size: #GP11672-1 100ug

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## Description

Product Name	Recombinant Human IPO4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250amino acids of human importin 4
Target Name	importin 4
Other Names	Imp4
Accession No.	Swissprot:Q8TEX9Gene Accession:BC003690
Uniprot	Q8TEX9
GeneID	79711;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Importin-4 is a protein that in humans is encoded by the IPO4 gene. Functions in nuclear protein import as nuclear transport receptor. Serves as receptor for nuclear localization signals (NLS) in cargo substrates. Is thought to mediate docking of the importin/substrate complex to the nuclear pore complex (NPC) through binding to nucleoporin and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to the importin, the importin/substrate complex dissociates and importin is re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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