



Recombinant Mouse PDCD6IP [His-T7] (DAGC351)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Mouse PDCD6IP / ALIX produced in E. coli aa 1-239 with His-T7 tag(s).
Species	Mouse
Purity	> 95%
Conjugate	His-T7
Applications	ELISA
Molecular Weight	30.3 kDa
Reconstitution	Reconstitute in sterile PBS, pH 7.2-7.4.
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Format	Lyophilized
Size	10 µg, 50 µg, 100 µg, 200 µg, 1 mg
Buffer	Lyophilized from PBS, pH 7.4, 1 mM DTT, 5% Trehalose, 0.01% Sarcosyl, ProClin™ 300
Preservative	Proclin300
Storage	Store at 4°C for up to 1 month, or aliquot and store at -80°C for up to 1 year. Avoid freeze-thaw cycles.

BACKGROUND

Introduction Programmed cell death 6-interacting protein also known as ALIX is a protein that in Mouses is

encoded by the PDCD6IP gene. This gene encodes a protein thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization which may be partly responsible for the protection against cell death.

Keywords

programmed cell death 6 interacting protein; PDCD6IP; AIP1; ALIX; DRIP4
