

Alix recombinant protein

Alix, 1-392aa, Human, His tag, E Coli

CATALOG # AAA48567	HOST E Coli	APPLICATIONS SDS-Page
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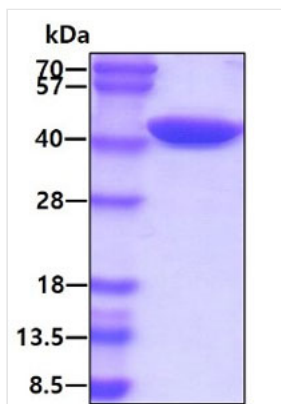
PRODUCT SYNONYMS

Alix; 1-392aa; Human; His tag; E Coli; Programmed cell death 6 interacting protein; AIP1; PDCD6IP; DRIP4; HP95; PDC6I; Programmed cell death 6 interacting protein ALG 2 interacting protein 1; ALG2 interacting protein X; Apoptosis linked gene 2 interacting protein X; Dopamine receptor interacting protein 4; KIAA1375; MGC17003; PDCD6 interacting protein; Programmed cell death 6 interacting protein.; Alix recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 1mM DTT.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MATFISVQLK KTSEVDLAKP LVKFIQQTYP SGGEEQAQYC RAAEELSKLR RAAVGRPLDK HEGALETLLR YYDQICSIEP KFPFSENQIC LTFTWKDAFD KGSLFGGSVK LALASLGYEK SCVLFNCAAL ASQIAAEQNL DNDEGLKIAA KHYQFASGAF LHIKETVLSA LSREPTVDIS PDTVGTLCLI MLAQAEVFF LKATRDKMKD AIIAKLANQA ADYFGDAFKQ CQYKDTLPKE VFPVLAAKHC IMQANAIEYHQ SILAKQKKF GEEIARLQHA AELIKTVASR YDEYVNVKDF SDKINRALAA AKKDNDFIYH DRVPDLKDL PIGKATLVKS TPNVNPISQK FTDLFEKMVP VSVQQSLAAY NQRKADLVNR SIAQMREATT LA
Sequence Length	1-392
Applicable Applications for Alix recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for week. For long term storage, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for Alix recombinant protein	Alix, also known as PDCD6IP, is a cytoplasmic protein that interacts with apoptosis-associated proteins (ALG-2 and PDCD6) and with the endocytosis-regulator CIN85. It's involved in concentration and sorting of cargo proteins of the multivesicular body for incorporation into intraluminal vesicles that are generated by invagination and scission from the limiting membrane of the endosome. Overexpression of this protein and endophilins results in cytoplasmic vacuolization which may be partly responsible for the protection against cell death. Recombinant PDCD6IP protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for Alix recombinant protein	Apoptosis
References	Morita E., et al. (2007) EMBO J. 26 (19):4215-27. ; Katoh K., et al. (2004) Arch Biochem Biophys. 421 (1):159-65.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027538
NCBI GeneID	10015
NCBI Accession #	NP_037506
NCBI GenBank Nucleotide #	NM_013374.5
UniProt Accession #	Q8WUM4; Q6NUS1; Q9BX86; Q9NUN0; Q9P2H2; Q9UKL5; C5MQH7; E9PFU1
Molecular Weight	45.8 kDa (412aa), confirmed by MALDI-TOF.
NCBI Official Full Name	programmed cell death 6-interacting protein isoform 1
NCBI Official Synonym Full Names	programmed cell death 6 interacting protein
NCBI Official Symbol	PDCD6IP
NCBI Official Synonym Symbols	AIP1; ALIX; HP95; DRIP4
NCBI Protein Information	programmed cell death 6-interacting protein
UniProt Protein Name	Programmed cell death 6-interacting protein
UniProt Gene Name	PDCD6IP
UniProt Synonym Gene Names	AIP1; ALIX; KIAA1375; PDCD6-interacting protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.