

Recombinant Human ARAP3, His-tagged

Cat. No. ARAP3-9792H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARAP3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-320a.a.
Description	This gene encodes a phosphoinositide binding protein containing ARF-GAP, RHO-GAP, RAS-associating, and pleckstrin homology domains. The ARF-GAP and RHO-GAP domains cooperate in mediating rearrangements in the cell cytoskeleton and cell shape. It is a specific PtdIns(3,4,5)P3/PtdIns(3,4)P2-stimulated Arf6-GAP protein. An alternatively spliced transcript has been found for this gene, but its biological validity has not been determined.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ARAP3 ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3 [Homo
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	sapiens]
Official Symbol	ARAP3
Synonyms	ARAP3; ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3; centaurin, delta 3 , CENTD3; arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3; DRAG1; FLJ21065; cnt-d3; centaurin-delta-3; centaurin, delta 3; PtdIns(3,4,5)P3-binding protein; phosphoinositide binding protein; Arf and Rho GAP adapter protein 3; ARF-GAP, RHO-GAP, ankyrin repeat and plekstrin homology domains-containing protein 3; CENTD3;
Gene ID	64411
mRNA Refseq	NM_022481
Protein Refseq	NP_071926
MIM	606647
UniProt ID	Q8WWN8
Chromosome Location	5q31.3
Pathway	Class I PI3K signaling events, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	ARF GTPase activator activity; NOT Rac GTPase activator activity; Rho GTPase

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activator activity; Rho GTPase activator activity; metal ion binding;
phosphatidylinositol-3,4,5-trisphosphate binding; phosphatidylinositol-3,4-
bisphosphate binding; zinc ion bi

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