

Recombinant Full Length Arachis Hypogaea Allergen Ara H 1, Clone P41B Protein, His-Tagged

Cat. No. RFL12031AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arachis hypogaea Allergen Ara h 1, clone P41B Protein (P43238) (26-626aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arachis hypogaea
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-626aa)
Form	Lyophilized powder
AA Sequence	KSSPYQKKTENPCAQRCLQSCQQEPDDLKQKACESRCKLEYDPRCVYDPRGHTG TTNQRSPPGERTRGRQPGDYDDRRQPRREEGGRWGPAGPREREREEDWRQP REDWRRPSHQPRKIRPEGREGEQEWGTPGSHVREETSRRNNPFYFPSRRFSTRY GNQNGRIRVLQRFDQRSRQFQNLQNHRIQIEAKPNTLVLPKHADADNILVIQQGQA TVTVANGNNRKSFNLDDEGHALRIPSGFISYILNRHDNQNLRVAKISMPVNTPGQFED FFPASSRDQSSYLQGFSSNTLEAAFNAAFNEIRRVLLEENAGGEQEERGQRRWSTR SSENNNEGIVKVSKEHVEELTKHAKSVSKKGSEEEGDITNPINLREGEPLDSSNFGK LFEVKPDKKNPQLQDLDMMLTCVEIKEGALMLPHFNSKAMVIVVVNKG TG NLELVAV RKEQQQRGRREEEEDEDEEEEGSNREVRRTARLKEGDVFIMPAHPVAINASSEL HLLGFGINAENNHRIFLAGDKDNVIDQIEKQAKDLAFPGSGEQVEKLIKQKESHFVS ARPQSQSQSPSSPEKESPEKEDQEEENQGGKGPLL SILKAFN Note: The complete sequence including tag sequence, target protein sequence and linker sequence could

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	be provided upon request.
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Arachis hypogaea Allergen Ara h 1, clone P41B
Synonyms	Allergen Ara h 1, clone P41B; Allergen Ara h I; allergen Ara h 1
UniProt ID	P43238

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