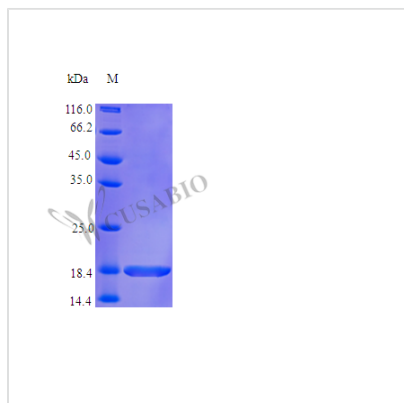




Recombinant Human Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 protein (AIMP1), partial (Active)

Product Code	CSB-AP002281HU
Abbreviation	Recombinant Human AIMP1 protein, partial (Active)
Uniprot No.	Q12904
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by the apoptotic effect using serum free human MCF-7 cells is less than 40 ng/ml, corresponding to a specific activity of $>2.5 \times 10^4$ IU/mg.
Purity	$\geq 98\%$ as determined by SDS-PAGE.
Sequence	SKPIDVSRLD LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQRNM VILLCNLKPA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITFDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFVEVK GKGVCRQATM SNSGIK
Research Area	Cancer
Source	E.coli
Target Names	AIMP1
Expression Region	147-312aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	18.2 kDa
Protein Length	Partial
PubMed ID	7929199; 14702039; 15489334; 10358004; 10850427; 11306575; 12237313; 11818442; 14500886; 16472771; 17443684; 19362550; 21092922; 20068231; 21269460; 22223895; 22814378; 24275569; 10852899; 11157763

Image


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.