

Recombinant Human AIMP2 protein (his tag)

Catalog Number:PDEH100437



Note: Centrifuge before opening to ensure complete recovery of vial contents.

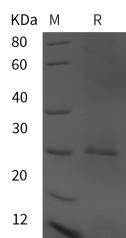
Description

Synonyms	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2;AIMP2;Multisynthase complex auxiliary component p38;Protein JTV-1
Species	Human
Expression Host	E.coli
Sequence	Met 1-Lys 320
Accession	Q13155
Calculated Molecular Weight	35.1 kDa
Observed molecular weight	30 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Required for assembly and stability of the aminoacyl-tRNA synthase complex. Mediates ubiquitination and degradation of FUBP1, a transcriptional activator of MYC, leading to MYC down-regulation which is required for aveolar type II cell differentiation. Blocks MDM2-mediated ubiquitination and degradation of p53/TP53. Functions as a proapoptotic factor.

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