

Product datasheet for **AR09207PU-L**

CITED2 (1-270, His-tag) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | CITED2 (1-270, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MADHMMAMNH GRFPDGTNGL HHHPAHRMGM GQFPSHHHQ QQQPQHAFNA LMGEHIHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMG PPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYPDLHP AAGHQMNGTN QHFRDCNPKH SGGSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN MPASVAHVPA AMLPPNVIDT DFIDEVLMS LVIEMGLDRI KELPELWLGQ NEFDFMTDFV CKQQPSRVSC <u>LEHHHHHH</u> |
| Tag: | His-tag |
| Predicted MW: | 29.5 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 50% glycerol, 1 mM DTT |
| Endotoxin: | < 1.0 EU per 1 µg of protein (determined by LAL method) |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human CITED2 protein, His-tagged, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001161860</u> |
| Locus ID: | 10370 |
| UniProt ID: | <u>Q99967</u> , <u>D9ZGF1</u> |
| Cytogenetics: | 6q24.1 |



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Synonyms: ASD8; MRG-1; MRG1; P35SRJ; VSD2

Summary: The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of hypoxia-inducible factor 1-alpha to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Protein Families: Druggable Genome, Transcription Factors

Product images:

