

Recombinant human Tumor protein 63

Catalog No: #AP72168



Package Size: #AP72168-1 20ug #AP72168-2 100ug #AP72168-3 1mg

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Description

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| Product Name | Recombinant human Tumor protein 63 |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:1-680aaSequence Info:Full Length |
| Other Names | Chronic ulcerative stomatitis protein ;CUSPKeratinocyte transcription factor KETTransformation-related protein 63 ;TP63Tumor protein p73-like ;p73Lp40p51 |
| Accession No. | Q9H3D4 |
| Uniprot | Q9H3D4 |
| GeneID | 8626; |
| Calculated MW | 80.8 kDa |
| Tag Info | N-terminal 6xHis-tagged |
| Target Sequence | MNFETSRCATLQYCPDYIQRVETPAHFWSWKESYYRSTMSQSTQTNEFLSPEVFQHIWDFLEQPICSVQPID LNFVDEPSEDGATNKIEISMDCIRMQDSDLSDPMWPQYTNLGLLNSMDQQIQNGSSSTSPYNTDHAQNSVTA PSPYAQPSSTFDALSPSPAIPSNTDYPGPHSFDVVSFQQSSTAKSATWTYSTELKKLYCQIAKTCPIQIKVMTPP PQGAVIRAMPVYKKAHVTEVVKRCPNHELRSREFNEGQIAPPSHLIRVEGNASHAQYVEDPITGRQSVLVPYEP PQVGTEFTTVLYNFMCNSSCVGGMNRRPILIIVTLETRDGQVLGRRCFEARICACGRDRKADEDSIRKQQVS DSTKNGDGTKRPFQRNTHGIQMTSIKKRRSPDDELLYLPVRGRETYEMLLKIKESLELMQYLPQHTIETYRQQ QQQQHQHLLKQKTSIQSPSSYGNSSPPLNKMNSMNKLPVSVQLINPQQRNALTPTTIPDGMGANIPMMGTHM PMAGDMNGLSPTQALPPPLSMPSTSHCTPPPPYPTDCSIVSFLARLGCSSCLDYFTTQGLTTIYQIEHYSMDD LASLKIPEQFRHAIWKGILDHRQLHEFSSPSHLLRTPSSASTVSVGSSETRGERVIDAVRFTLRQTISFPPRDEW NDFNFDMDARRNKQQRIKEEGE |
| Formulation | Tris-based buffer50% glycerol |
| Storage | 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73,p73 for initiation of p53,TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA*-type isoforms may govern the maintenance of epithelial st cell compartments and regulate the initiation of epithelial stratification from the undifferentiated bryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter

References

A second p53-related protein, p73L, with high homology to p73. Senoo M., Seki N., Ohira M., Sugano S., Watanabe M., Tachibana M., Tanaka T., Shinkai Y., Kato H. *Biochem. Biophys. Res. Commun.* 248:603-607(1998) Research Topic: Apoptosis

Note: This product is for in vitro research use only