

Recombinant Human CGGBP1 protein, MYC/DDK-tagged

Cat. No. CGGBP1-1493H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human CGGBP1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | CGGBP1 influences expression of the FMR1 gene (MIM 309550), which is associated with the fragile X mental retardation syndrome (MIM 300624), by specifically interacting with the 5-prime (CGG) _n -3-prime repeat in its 5-prime UTR.[supplied by OMIM, Mar 2008]. Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 18.6 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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| Gene Name | CGGBP1 CGG triplet repeat binding protein 1 [Homo sapiens] |
| Official Symbol | CGGBP1 |
| Synonyms | CGGBP1; CGG triplet repeat binding protein 1; CGG triplet repeat-binding protein 1; CGGBP; p20 CGG binding protein; p20 CGGBP; CGG-binding protein 1; p20-CGG binding protein; 20 kDa CGG-binding protein; p20-CGGBP DNA-binding protein; p20-CGGBP; |
| Gene ID | 8545 |
| mRNA Refseq | NM_001008390 |
| Protein Refseq | NP_001008391 |
| MIM | 603363 |
| UniProt ID | Q9UFW8 |
| Chromosome Location | 3p12-p11.1 |
| Function | DNA binding; double-stranded DNA binding; |

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