

Product datasheet for **TP762477**

C12orf48 (PARBP) (NM_017915) Human Recombinant Protein

Product data:

| | |
|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human chromosome 12 open reading frame 48 (C12orf48), full length, with N-terminal His tag, expressed in E.coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding the region full length of C12orf48 |
| Tag: | N-His |
| Predicted MW: | 65.05 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_060385 |
| Locus ID: | 55010 |
| UniProt ID: | Q9NWS1 , B4DT40 |
| RefSeq Size: | 2175 |
| Cytogenetics: | 12q23.2 |
| RefSeq ORF: | 1737 |
| Synonyms: | AROM; C12orf48; PARI |



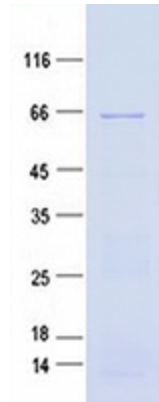
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Summary:

Required to suppress inappropriate homologous recombination, thereby playing a central role DNA repair and in the maintenance of genomic stability. Antagonizes homologous recombination by interfering with the formation of the RAD51-DNA homologous recombination structure. Binds single-strand DNA and poly(A) homopolymers. Positively regulate the poly(ADP-ribosyl)ation activity of PARP1; however such function may be indirect. [UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Product images:

Purified recombinant protein C12orf48 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.