

Recombinant Human CGGBP1, His-tagged

Cat. No. CGGBP1-27243TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-167 of Human CGGBP1 with N terminal His tag, 24kDa.
Species	Human
Source	E.coli
ProteinLength	1-167 a.a.
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.
Conjugation	HIS
Tissue specificity	Ubiquitous. Highly expressed in placenta, thymus, lymph nodes, cerebellum and cerebral cortex. Low expression in other regions of the brain.
Form	Lyophilised:Reconstitute with 102 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MERFVVTAPPARNRSKTALYVTPLDRVTEFGGELHEDGGK LFCTSCNVVLNHVRKS AIDHLKSKTHTKRKAEFEEQN VRKKQRPLTASLQCNSTAQTEKVSVIQDFVKMCLE ANIPLEKADHPAVRAFLSRHVKNNGGSIPKSDQLRRAYLPDGYE NENQLLNSQDC
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Full Length	Full L.
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GENE INFORMATION

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