

Recombinant Human FUNDC2 protein, GST-tagged

Cat. No. FUNDC2-13035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUNDC2 protein(1-70 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-70 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	METSAPRAGSQVVATTARHSAAYRADPLRVSSRDKLTEMAASSQGNFEGNFESLD LAFAKKQPWWRKLF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	FUNDC2 FUN14 domain containing 2 [Homo sapiens]
Official Symbol	FUNDC2
Synonyms	FUNDC2; FUN14 domain containing 2; FUN14 domain-containing protein 2; DC44; HCBP6; HCC-3; cervical cancer oncogene 3; cervical cancer proto-oncogene 3 protein; hepatitis C virus core-binding protein 6; HCC3; PD03104; MGC2495; FLJ33773; MGC131676;
Gene ID	65991
mRNA Refseq	NM_023934
Protein Refseq	NP_076423
UniProt ID	Q9BWH2

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