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Product datasheet for TP510067

Calcoco1 (NM_026192) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium binding and coiled coil domain 1 (Calcoco1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210067 protein sequence Red=Cloning site Green=Tags(s) MEESSLSRAPSRGGVNFLNVARTYIPNTKVECHYTLPPGTMPSASDWIGIFKVEAACVRDYHTFVWSSVP ESTTDGSPTHASVQFQASYLPKPGAQLYQFRYVNRQGRVCGQSPPFQFREPRPMDELVTLEEADGGSDIL LVVPKATVLQNQLDESQQERNDLMQLKLQLEDQVTELRSRVQELEAALATARQEHSELTEQYKGLSRSHG ELSEERDILSQQQGDHVARILELEDDIQTMSDKVLMKEVELDRVRDTVKALTREQEKLLRQLKEFQADKE QSEAELQTVREENCCLNTELEEAKSRQEEQGAQVQRLKDKLAHMKDTLGQAQQKVAELEPLKEQLRGVQE LAASSQQKAALLGEELASAAGARDRTIAELHRSRLEVAEVNGRLAELSLHMKEEKCQWSKERTGLLQSME AEKDKILKLSAEILRLEKTVQEERTQSHVFKTELAREKDSSLVQLSESKRELTELRSALRVLQKEKEQLQ TEKQELLEYMRKLEARLEKVADEKWTEDAATEDEEATAGLSCPASLTDSEDESPEDMRLPSYGLCESGNT SSSPPGPREPSSLVVINQPAPIAPQFSGPGEASSSDSEAEDEKSVLMAAVQSGGEEASLLLPELGSAFYD VASAFTVSSLSEASPGVPANPPWKECPICKERFPAESDKDALEGHMDGHFFFSTQDPFTFE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	77.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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.

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RefSeq:	NP_080468
Locus ID:	67488
UniProt ID:	Q8CGU1
RefSeq Size:	2840
Cytogenetics:	15
RefSeq ORF:	2076
Synonyms:	1810009B06Rik; Cocoa; Gcap11; mKIAA1536
Summary:	Functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR). Recruited to promoters through its contact with the N-terminal basic helix-loop-helix-Per-Arnt-Sim (PAS) domain of transcription factors or coactivators, such as NCOA2. During ER-activation acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. Involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. Functions as a secondary coactivator in LEF1-mediated transcriptional activation via its interaction with CTNNB1. Coactivator function for nuclear receptors and LEF1/CTNNB1 involves differential utilization of two different activation regions. In association with CCAR1 enhances GATA1- and MED1-mediated transcriptional activation from the gamma-globin promoter during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781). [UniProtKB/Swiss-Prot Function]