

Product datasheet for TP511766

Hr (NM_021877) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lysine demethylase and nuclear receptor corepressor (Hr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211766 representing NM_021877
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MESMPSFLKDTPAWEKTAPVNGIVGQEPGTSPQDGLRHGALCLGEPAPFWRGVLSTPDSWLPPGFLQGPK
DTLSLVEGEGPRNGERKGSWLGKGLRWKEAMLAHPLAFCEGACPPRYGLIPEHSGGHPKSDPVAFRP
LHCPFLETKILERAPFWVPTCLPPYLMSSLPPERPYDWPLAPNPWWYSGSQPKVPSAFGLGSKGFYHKD
PNILRPAKEPLAESGMLGLAPGGHLQQACESEGPSLHQRDGETGAGRQQLNCPVFLGYPDTVPRAPWPSC
PPGLVHSLGNIWAGPGSNLSGYQLGPPATPRCPSGPPTPPGGCCSHLPAREGDLGPCRKCQDSPEGGS
SGPGESSEERNKADSRACPPSHHTKLKKTWLRHSEQFECPPGGCSGKEESPATGLRALKRAGSPEVQGAS
RGPAPKRSPHPFGTGRQGARAWQETPETIIGSKAEAEQQEEQRGPRDGRIRLQESRLVDTSCQHHLGAV
TQCQSCVQAAGEVGVLTGHSQKSRSPLEEKQLEEDSSATSEEGGGGPGPEASLNKGLAKHLLSGLGDR
LCRLLRKEREALAWAQREGQGPAMTEDSPGIPHCCSRCHHGLFNTHWRCSHC SHRLCVACGRIAGAGKNR
EKTGSQEQHTDDCAQEAGHAACSLILTQFVSSQALAE LSTVMHQVWAKFDIRGHCFQCQVDARVWAPGDGG
QQKEPTEKTPPTQPSCNGDSNRTKDIKEETPDSTESPAEDGAGRSPLPCPSLCELLASTAVKLCLGHDR
IHMAFAPVTPALPSDDRITNILD SIIAQVVERKIQE KALGPGLRAGSGLRKGLSLPLSPVRTRLSPPGAL
LWLQEP RPKHGFHLFQEHWRQGPVLVSGIQKTLRLSLWGMEALGTLGGQVQTLTALGPPQPTNLDSTAF
WEGFSPETRPKLDEGSVLLLHRTLGDKASRVQNLASSLPLPEYCAHQKLN LASYLPLGLTLHPLEPQ
LWAA YGVNSHRGHLGTKNLCEVSD LISILVHAE AQLPPWYRAQKDFLSGLDGEGLWSPGSQTSTVWHVF
RAQDAQRIRRF LQMVC PAGA GTLEPGAGSCYLDAGLRRRLREEWGVSCWTL LQAPGEAVLVPAGAPHQV
QGLVSTISVTQHFLSPETSALSAQLYHQASLPPDHRMLYAQM DRAVFQAVKAAVGALQEAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	127.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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.
RefSeq:	NP_068677
Locus ID:	15460
UniProt ID:	Q61645
RefSeq Size:	5501
Cytogenetics:	14 D2
RefSeq ORF:	3546
Synonyms:	ALUNC; b; bld; bldy; r; rh-bm; rh-bmh
Summary:	This gene encodes a protein that is involved in hair growth. This protein functions as a transcriptional corepressor of multiple nuclear receptors, including thyroid hormone receptor, the retinoic acid receptor-related orphan receptors and the vitamin D receptors, and it interacts with histone deacetylases. The translation of this protein is modulated by a regulatory ORF that exists upstream of the primary ORF. Mutations in this upstream ORF, U2HR, cause Marie Unna hereditary hypotrichosis (MUHH), an autosomal dominant form of genetic hair loss in human. [provided by RefSeq, Oct 2014]