Recombinant Human HR Protein, MYC/DDK-tagged

Cat. No. HR-1887H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HR protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	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 open reading frame (ORF) that exists upstream of the primary ORF. Mutations in this upstream ORF cause Marie Unna hereditary hypotrichosis (MUHH), an autosomal dominant form of genetic hair loss. Mutations in this gene also cause autosomal recessive congenital alopecia and atrichia with papular lesions, other diseases resulting in hair loss. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2014]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	127.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	HR hairless homolog (mouse) [Homo sapiens]
Official Symbol	HR
Synonyms	ALUNC; AU; HSA277165; HYPT4; MUHH; MUHH1
Gene ID	3264
mRNA Refseq	NM_005144.4
Protein Refseq	NP_005135
MIM	602302
UniProt ID	O43593

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