

## Product datasheet for **TP302331M**

### **MAGEH1 (NM\_014061) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human melanoma antigen family H, 1 (MAGEH1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202331 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPRGRKSRRRRNARAAEENRNNRRIQASEASETPMAASVASTPEDDLSPGPEEDPSTPEEASTTPEEASS TAQAQKPSVPRSNFQGTKKSLMSILALIFIMGNSAKEALVWKVLGKLGMPGRQHSIFGDPKKIVTEEF VRRGYLIYKPVPRSSPVEYEFFWGPRAHVESKLVKVMHFVARVRNRCSKDWPCNYDWDSDDDAEVEAILN SGARGYSAP
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u><a href="#">NP_054780</a></u>
Locus ID:	28986
UniProt ID:	<u><a href="#">Q9H213</a></u>



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RefSeq Size: 1485

Cytogenetics: Xp11.21

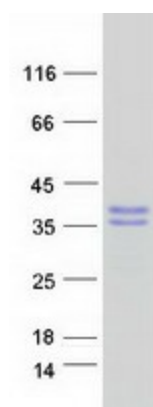
RefSeq ORF: 657

Synonyms: APR-1; APR1; MAGEH

**Summary:** This gene belongs to the non-CT (non cancer/testis) subgroup of the melanoma-associated antigen (MAGE) superfamily. The encoded protein is likely associated with apoptosis, cell cycle arrest, growth inhibition or cell differentiation. The protein may be involved in the atRA (all-trans retinoic acid) signaling through the STAT1-alpha (signal transducer and activator of transcription 1-alpha) pathway. [provided by RefSeq, Aug 2013]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified MAGEH1 protein (Cat# [TP302331]). The protein was produced from HEK293T cells transfected with MAGEH1 cDNA clone (Cat# [RC202331]) using MegaTran 2.0 (Cat# [TT210002]).