

Recombinant Human TMEM189 Protein, His-tagged

Cat. No. TMEM189-276H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMEM189 fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	E.coli
Description	The TMEM189-UEV mRNA is an infrequent but naturally occurring read-through transcript of the neighboring TMEM189 and UBE2V1 genes. Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein produced by this transcript has UEV1 B domains but the protein is localized to the cytoplasm rather than to the nucleus. The significance of this read-through mRNA and the function of its protein product has not yet been determined.
Form	Supplied as a 0.2 μM filtered solution of 50mM HEPES, 100mM NaCl, pH 8.0
Molecular Mass	17.5kD
AA Sequence	MAATTGSGVKVPRNFRLLLEELEEGQKGVGDGTVSWGLEDDEDMTLTRWTGMIIGP PRTIYENRIYSLKIECGPKYPEAPPFVRFVTKINMNGVNSSNGVVDPAISVLAKWQN SYSIKVVLQELRRLMMSKENMKLPQPPEGQCYSNLEHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name TMEM189 transmembrane protein 189 [Homo sapiens]

Official Symbol TMEM189

Synonyms KUA; TMEM189; transmembrane protein 189

Gene ID 387521

mRNA Refseq NM_001162505

Protein Refseq NP_001155977

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