

Product datasheet for **TP721146M**

Cardiotrophin 1 (CTF1) (NM_001330) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cardiotrophin 1 (CTF1), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ala201
Tag:	N-His
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001321
Locus ID:	1489
UniProt ID:	Q16619
RefSeq Size:	1681
Cytogenetics:	16p11.2
RefSeq ORF:	603
Synonyms:	CT-1; CT1
Summary:	The protein encoded by this gene is a secreted cytokine that induces cardiac myocyte hypertrophy in vitro. It has been shown to bind and activate the ILST/gp130 receptor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Protein Families:	ES Cell Differentiation/IPS, Secreted Protein



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Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway