

Product datasheet for **TP310496L**

CGRP (CALCB) (NM_000728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calcitonin-related polypeptide beta (CALCB), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210496 protein sequence Red =Cloning site Green =Tags(s)
	MGFRKFSPFLALSILVLYQAGSLQAAPFRSALESSPDPATLSKEDARLLLLAALVQDYVQMKASELKQEQE TQGSSSAAQKRACNTATCVTHRLAGLLSRSGGMVKS NFVPTNVGSKAFGRRRRDLQA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.5 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:	NP_000719
Locus ID:	797
UniProt ID:	P10092
RefSeq Size:	1031
Cytogenetics:	11p15.2



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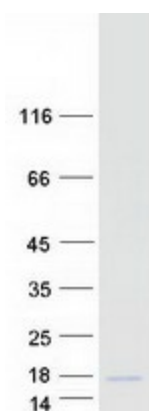
RefSeq ORF: 381

Synonyms: CALC2; CGRP-II; CGRP2

Summary: CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified CALCB protein (Cat# [TP310496]). The protein was produced from HEK293T cells transfected with CALCB cDNA clone (Cat# [RC210496]) using MegaTran 2.0 (Cat# [TT210002]).