

Product datasheet for **TP322209M**

CES3 (NM_024922) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carboxylesterase 3 (CES3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222209 representing NM_024922 Red =Cloning site Green =Tags(s) MERA VRVESGVLVGVVCLLLACPATATGPEVAQPEVD TTLGRV RGRQVGVKGTDR LNVN VFLGIPFAQPPL GPD RFSAPHPAQWEGVRDASTAPPMCLQDVESMNSSRFV LNKQKQIFSVSEDC LVLNVYSPA EVPAGSG RPVMVWVHGGALITGAATSYDGSALAA YGDVWVTVQYRLGVLGFFSTGDEHAPGNQGFLDVVAALRWVQ ENIAPFGGDLN CVTVF GGSAGGSIISGLV LSPVAAGLFHRAITQSGVITTPGIIDSHPWPLAQKIANTLA CSSSSPAEMVQCLQQKEGEELVLSK LKNTIYPLTVDGT VFPKSPKELLKEKPFH SVPFLMGVNNHEFSW LIPRGWLLDTMEQMSREDMLAISTPVL TSLDVPP EMMP TVIDEYLG SNSDAQAKCQAFQEFMGDVFINV PTVSFSRYLRDSGSPVFFYEFQHRPSSFAKIPAWVKADHGAEGAFVFGGPF LMD ESSRLAFPEATEEEEK QLSLTMM AQWTHFARTGDPNSKALPPWPQFNQAEQYLEINPVPRAGQKFREAWMQFWS ETLPSKIQQWHQ KQKNRKAQEDL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	62.1 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.



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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_079198](#)

Locus ID: 23491

UniProt ID: [Q6UWW8](#)

RefSeq Size: 3906

Cytogenetics: 16q22.1

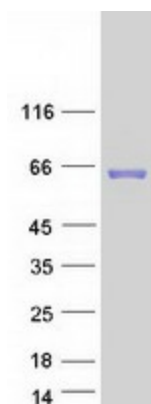
RefSeq ORF: 1713

Synonyms: ES31

Summary: This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This gene is expressed in several tissues, particularly in colon, trachea and in brain, and the protein participates in colon and neural drug metabolism. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported, but the biological validity and/or full-length nature of some variants have not been determined.[provided by RefSeq, Jun 2010]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified CES3 protein (Cat# [TP322209]). The protein was produced from HEK293T cells transfected with CES3 cDNA clone (Cat# [RC222209]) using MegaTran 2.0 (Cat# [TT210002]).