

Product datasheet for PH322209

CES3 (NM_024922) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CES3 MS Standard C13 and N15-labeled recombinant protein (NP_079198)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222209
Predicted MW:	62.1 kDa
Protein Sequence:	>RC222209 representing NM_024922 Red=Cloning site Green=Tags(s)

MERAVRVESGVLVGVVCLLLACPATATGPEVAQPEVDTTLGRVGRQVGVKGTDRLLVNVFLGIPFAQPPL
GPDRFSAPHPAQPWEGVRDASTAPPMCLQDVESMNSSRFVLNGKQQIFSVSEDCLVLVNVSAPAEVPAGSG
RPVMVWHGGALITGAATSYDGSALAAAGDVVVVTVQYRLGVLGFFSTGDEHAPGNQGFLLDVAALRWVQ
ENIAPFGDLNLCVTVFVGGSSAGSIIISGLVLSVAAGLPHRAITQSGVITTPGIIDSHWPLAQKIANTLA
CSSSSPAEMVQCLQQKEGEEELVLSKLLKNTIYPLTVDGTVFVKSPKELLKEKPFHVPFLMGVNNHEFSW
LIPRGWLLDTMEQMSREDMLAISTPVL TSLDVPPEMMP TVIDEYLSNSDAQAKCQAFQEFMGDFINV
PTVSFSRYLRDSSGSPVFFYEFQHRPSSFAKIKPAWVKADHGAEGAFVFGGPFLLMDESSRLAFPEATEEEK
QLSLTMMAQWTHFARTGDPNSKALPPWPQFNQAEQYLEINPVPRAGQKFRFAWMQFSETLPSKIQQWHQ
KQKNRKAQEDL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079198
RefSeq Size:	3906
RefSeq ORF:	1713



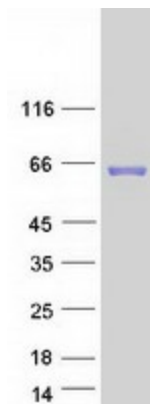
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Synonyms: ES31
Locus ID: 23491
UniProt ID: [Q6UWW8](#)
Cytogenetics: 16q22.1

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]).