

CES2/carboxylesterase 2 Protein, Human (HEK293,C-His,Solution)

Cat. No.:	HY-P76192A
Synonyms:	Cocaine esterase; Carboxylesterase 2; CE-2; CES2; ICE
Species:	Human
Source:	HEK293
Accession:	O00748-1 (Q27-L559)
Gene ID:	8824
Molecular Weight:	Approximately 50-70 kDa

PROPERTIES

AA Sequence	<pre> QDSASPIRTT HTGQVLGSLV HVKGANAGVQ TFLGIPFAKP PLGPLRFAPP EPPESWSGVR DGTTHPAMCL QDLTAVESEF LSQFNMTFPS DSMSEDCLYL SIYTPAHSHE GSNLPVMVWI HGGALVFGMA SLYDGSMLAA LENVVVVVIQ YRLGVLGFFS TGDKHATGNW GYLDQVAALR WVQQNIAHFG GNPDRVITIFG ESAGGTSVSS LVVSPISQGL FHGAIMESGV ALLPGLIASS ADVISTVVAN LSACDQVDSE ALVGCLRGS KEEILAINKP FKMIPGVVDG VFLPRHPQEL LASADFQPVP SIVGVNNEF GWLIPKVMRI YDTQKEMDRE ASQAALQKML TLLMLPPTFG DLLREEYIGD NGDPQTLQAQ FQEMMADSMF VIPALQVAHF QCSRAPVYFY EFQHQP SWLK NIRPPHMKAD HGDELPVFR SFFGGNYIKF TEEEEQLSRK MMKYWANFAR NGNPNGEGLP HWPLFDQEEQ YLQLNLQPAV GRALKAHRLQ FWKKALPQKI QELEEPEERH TEL </pre>
Biological Activity	Measured by its ability to hydrolyze p-nitrophenylacetate. Which can be measured by absorbance at 410 nm. The specific activity is 42718.666 pmol/min/μg, as measured under the described conditions.
Appearance	Solution
Formulation	Supplied as a 0.2 μm filtered solution of 50 mM NaAc, 150 mM NaCl, 10% Glycerol, pH 5.5.
Endotoxin Level	<1 EU/μg, determined by LAL method
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA