



上海源叶生物科技有限公司
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Recombinant Human Carboxylesterase 2/CES2 Protein

产品名称	Recombinant Human Carboxylesterase 2/CES2 Protein
别名	羧酸酯酶2(CES2)活性蛋白 羧酸酯酶2(CES2)活性蛋白
英文别名	carboxylesterase 2 (intestine, liver) Carboxylesterase 2 carboxylesterase 2EC 3.1.1.1 CE-2 CES2 CES2A1 EC 3.1.1 EC 3.1.1.84 hCE-2 iCE intestinal carboxylesterase liver carboxylesterase-2 PCE-2 carboxylesterase 2 (intestine, liver
规格或纯度	无动物源,无载体,生物活性,ActiBioPure™,His标签,≥95%(SDS-PAGE)
产品介绍	Function Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Shows high catalytic efficiency for hydrolysis of cocaine, 4-methyumbelliferyl acetate, heroin and 6-monoacetylmorphine.
生物活性	Measured by its ability to hydrolyze p-nitrophenylacetate. The specific activity is >30,000 pmol/min/μg, measured under the described conditions.
内毒素水平	<0.1 EU/μg
表达系统	HEK293
种属	人(Human)
氨基酸	27-559 aa



序列	QDSASPIRTTHTGQVLGSLVHVKGANAGVQTFLGIPFAKPPL GPLRFAPPEPPESWSGVRDGTTHPAMCLQDLTAVESEFLSQF NMTFPSDSMSMEDCLYLSIYTPAHSHEGSNLPVMVWIHGGAL VFGMASLYDGSMMLAALENVVVVIIQYRLGVLGFFSTGDKHA TGNWGYLDQVAALRWVQQNIAHFGGNPDRVTIFGESAGGT SVSSLVVSPISQGLFHGAIMESGVALLPGLIASSADVISTVVA NLSACDQVDSEALVGCLRGKSKEEILAINKPFKMIPGVVDGV FLPRHPQELLASADFQPVPSIVGVNNNEFGWLIPKVMRIYDT QKEMDREASQAALQKMLTLLMLPPTFGDLLREEYIGDNGDP QTLQAQFQEMMADSMFVIPALQVAHFQCSRAPVYFYEFQHQ PSWLKNIRPPHMKADHGDELFPVFRSFFGGNYIKFTEEEEQLS RKMMKYWANFARNGNPNGEGLPHWPLFDQEEQYLQLNLQ PAVGRALKAHRLQFWKKALPQKIQELEEPEERHTELHHHHH HHHHH
蛋白标签	C-10His
无载体	Yes
无动物源	Yes
来源	重组表达
预测分子量	60 kDa
SDS-PAGE	55 - 65 kDa, under reducing conditions; 55 - 65 & 152 kDa, under non-reducing conditions.
分子类型	蛋白质
物理形态	冻干(Lyophilized)
储存缓冲液	Lyophilized from 10mM PBS, 5% Trehalose, 5% Mannitol, pH 7.4
复溶	Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.
储存条件	-20℃储存,避免反复冻融
运输条件	超低温运输
稳定性与储存	在 -20~-80℃ 下可保存 1 年以上。收货后建议分装。避免冷冻/解冻循环。