

Recombinant Human kynurenine 3-monooxygenase protein ab152891

1 图像

描述	
产品名称	重组人kynurenine 3-monooxygenase蛋白
表达系统	Wheat germ
Accession	<u>O15229-2</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MDSSVIQRKKVAVIGGGLVGSLQACFLAKRNFQIDVYEARED TRVATFTR GRSINLALSHRGRQALKAVGLEDQIVSQGIPMRARMIHSLSG KKS AIPYG TKSQYILSVSRENLNKDLLTAAEKYPNVKMHFNHRLKCNPE EGMITVLG SDKVPKDVTCDLIVGCDGAYSTVRSHLMKKPRFDYSQQYIPH GYMELTIP PKNGDYAMEPNYLHIWPRNTFMMIALPNMNKSFTCTLFMPFE EFEKLLTS NDVVDFQKYFPDAIPLIGEKLQVDFLLPAQPMISVKCSS FHKSHCV LLGDAAHAIVPFFGQGMNAGFEDCLVFDELMDFSNDSLCL PVFSRLRI PDDHAISDLSMYNIEKNMERFLHAIMPSTFIPLYTMVTFSR IRYHEAVQ RWHWQKR
预测分子量	71 kDa including tags
氨基酸	1 to 407

技术指标	
Our Abpromise guarantee covers the use of ab152891 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE

	Western blot
	ELISA
形式	Liquid

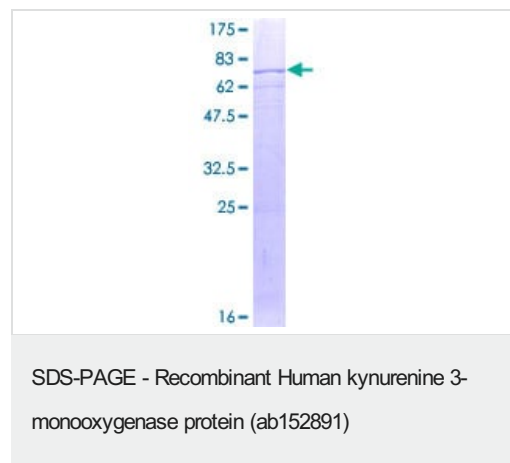
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 0.31% Glutathione, 0.79% Tris HCl
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常规信息

功能	Catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-3OHKyn). Required for synthesis of quinolinic acid, a neurotoxic NMDA receptor antagonist and potential endogenous inhibitor of NMDA receptor signaling in axonal targeting, synaptogenesis and apoptosis during brain development. Quinolinic acid may also affect NMDA receptor signaling in pancreatic beta cells, osteoblasts, myocardial cells, and the gastrointestinal tract.
组织特异性	Highest levels in placenta and liver. Detectable in kidney.
通路	Cofactor biosynthesis; NAD(+) biosynthesis; quinolinate from L-kynurenine: step 1/3.
序列相似性	Belongs to the aromatic-ring hydroxylase family. KMO subfamily.
细胞定位	Mitochondrion outer membrane.

图片



12.5% SDS-PAGE analysis of ab152891 stained with Coomassie Blue.

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