

Product datasheet

Recombinant Human Dopamine D2 Receptor protein ab112281

画像数 1

製品の詳細

製品名	Recombinant Human Dopamine D2 Receptor protein
生理活性	useful for Antibody Production and Protein Array
発現系	Wheat germ
アクセッション番号	<u>P14416</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MDPLNLSWYDDDLERQNSRPFNGSDGKADRPHYNYATLLT LLIAVIVF GNVLVCMASREKALQTTTNYLIVSLAVADLLVATLVMPWV YLEVVG EW KFSRIHCDIF
予測される分子量	38 kDa including tags
領域	1 to 110
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab112281** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Western blot SDS-PAGE ELISA Peptide Array
製品の状態	Liquid
備考	This product is useful for Antibody Production and Protein Array.

前処理および保存

保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

Reduced glutathione

関連情報

機能

This is one of the five types (D1 to D5) of receptors for dopamine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.

関連疾患

Defects in DRD2 are associated with dystonia type 11 (DYT11) [MIM:159900]; also known as alcohol-responsive dystonia. DYT11 is a myoclonic dystonia. Dystonia is defined by the presence of sustained involuntary muscle contractions, often leading to abnormal postures. DYT11 is characterized by involuntary lightning jerks and dystonic movements and postures alleviated by alcohol. Inheritance is autosomal dominant. The age of onset, pattern of body involvement, presence of myoclonus and response to alcohol are all variable.

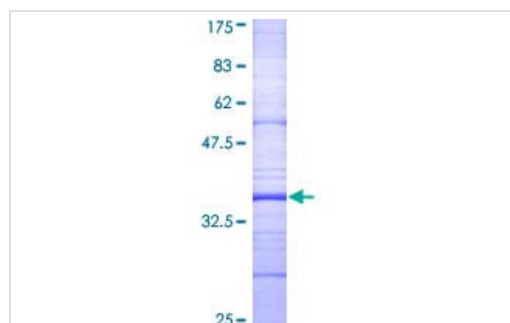
配列類似性

Belongs to the G-protein coupled receptor 1 family.

細胞内局在

Cell membrane.

画像



12.5% SDS-PAGE Stained with Coomassie Blue with recombinant protein.

SDS-PAGE - Recombinant Human Dopamine D2
Receptor protein (ab112281)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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