

Product datasheet

Recombinant Human Dopamine D2 Receptor protein ab112281

1 图像

概述

产品名称	重组人Dopamine D2 Receptor蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession [P14416](#)

种属 Human

序列 MDPLNLSWYDDDLERQNWSRPFNGSDGKADRPYNYATLLTLLIAVIVF
GNVLVCMASREKALQTTTNYLIVSLAVADLLVATLVMPWVVYLEVVG
EW KFSRIHCDIF

分子量 38 kDa including tags

氨基酸 1 to 110

标签 GST tag N-Terminus

技术指标

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.

生物活性 useful for Antibody Production and Protein Array

应用 Western blot

SDS-PAGE

ELISA

Peptide Array

形式 Liquid

补充说明 Best use within three months from the date of receipt of this protein. useful for Antibody Production and Protein Array

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.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.31% Glutathione

Note: Reduced glutathione

常规信息

功能

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.

疾病相关

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.

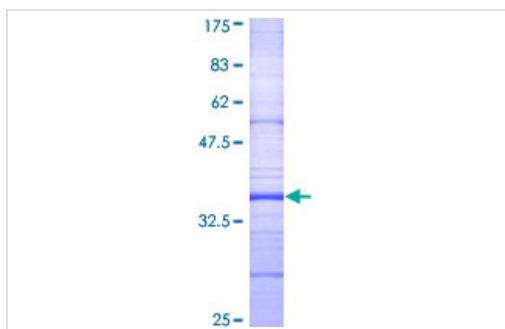
序列相似性

Belongs to the G-protein coupled receptor 1 family.

细胞定位

Cell membrane.

图片



12.5% SDS-PAGE Stained with Coomassie

Blue with recombinant protein.

SDS-PAGE - Dopamine D2 Receptor protein
(ab112281)

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