Recombinant Human GABR?3(GABRB3) protein (His tag)

Catalog Number:PDEH100311

Note: Centrifuge before opening to ensure complete recovery of vial contents.

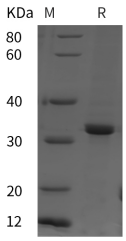
Description

Synonyms	Gamma-aminobutyric acid receptor subunit beta-3;GABRB3;GABA(A) receptor subunit beta-3;GABRB3
Species	Human
Expression Host	E.coli
Sequence	Ser 26-Tyr 245
Accession	P28472
Calculated Molecular Weight	24.1 kDa
Observed molecular weight	32 kDa
Tag	N-His & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

γ-aminobutyric acid type A receptor β3 subunit (GABRB3) is a candidate gene for autism spectrum conditions (ASC). Alteration in the gene results in increased tactile sensitivity, or hypersensitivity.Overexpression of GABRB3 might be implicated in the pathogenesis of heroin dependence. Aberration or mutation of this gene leads to neurodevelopmental disorders, such as Angelman syndrome, Prader-Willi syndrome and schizophrenia.[1][3] GABRB3 polymorphisms results in nonsyndromic cleft lip and/or palate (NSCL/P).