

Recombinant Human Protocadherin beta 12 protein ab199594

Description

Product name	Recombinant Human Protocadherin beta 12 protein
Purity	> 90 % SDS-PAGE. Expressed in E.coli as inclusion bodies. The final product was refolded using unique “temperature shift inclusion body refolding” technology and chromatographically purified.
Expression system	Escherichia coli
Accession	<u>Q9Y5F1</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	

MTLHRNEYGIASILDSYQCTAEISLADLATIFFAQFVQEATYK
EVSKMVK
DALTAIEKPTGDEQSSGCLENQLPAFLEELCHEKEILEKYG
HSDCCSQSE
EGRHNCFLAHKKPTASIFLQVPEPVTSCWAYEEDRETF
MNKFIYEIAR
RHPFLYAPTILLWAARYDKIIPSCCKAENAVECFQTKAATV
TKELRESSG
GSHHHHHHGSENLYFQSGSSETGNFLVMEELQSGSFVG
NLAKTGLLEVSE
LSSRGARVVSNDNKECLQLDTNTGDLLLREMLDREELCG
SNEPCVLYFQV
LMKNPTQFLQIELQVRDINDHSPVFLEKEMLLEIPENSPVG
AVFLLES AK
DLDVGINAVKSYTINPNSHFHVKIRVNPDRKYPELVLDKA
LDYEERPEL
SFILTALDGGSPPRSGTALVRVVVDINDNSPEFEQAFYE
VKILENSILG
SLVVTVSAWDLDSGTNSELSYTFSHASEDIRKTFEINQKS
GDITLTAPLD
FEAIESYSIIQATDGGGLFGKSTVRIQVMDVNDNAPEITVSS
ITSPIPE
NTPETVVMVFRIRDRDSDGNGKMCVIPEDIPFVLKSSVN

NYTLETERP
LDRESRAEYNITITVTDLGTPLRKTEHNITVLVSDVNDNAPA
FTQTSYAL
FVRENNSPALHIGSISATDRDSGTNAQVNYSLLPSQDPHL
PLASLVSINA
DNGHLFALRSLDYEALQGFQFRVGATDHGSPALSSEALV
RVLVLDANDNS
PFVLYPLQNGSAPCTELVPWAAEPGYLVTKVVAVDGDGSG
QNAWLSYQLLK
ATEPGLFGVWAHNGEVRTARLLSERDAAKHRLVVLVLDN
GEPPRSATATL
HVLLVDGFSQPYLPLPEAAPAQQAQADSLTVYL

Predicted molecular weight	97 kDa including tags
Amino acids	27 to 690
Tags	His tag N-Terminus
Additional sequence information	Constructed with codon optimization and expressed with a human Alpha-Fetal Protein N-terminal domain (AFPn)-His-TEV cleavage site (219aa) fusion at its N-terminal.

Specifications

Our **Abpromise guarantee** covers the use of **ab199594** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
pH: 8.00
Constituent: 0.32% Tris HCl

Contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.

General Info

Function Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.

Sequence similarities Contains 6 cadherin domains.

Cellular localization Cell membrane.

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

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