9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GABARAP Human

GABA(A) Receptor-Associated Protein Human Recombinant
RCP0886

Product Overview

Name	GABARAP Human

Description

GABA(A) Receptor-Associated Protein Human Recombinant

Accession (Primary)	O95166

Synonyms

GBRAP, MM46, GABA(A) receptor-associated protein, Gamma-aminobutyric acid receptor-associated protein, GABARAP, FLJ25768, MGC120154, MGC120155, FLC3B.

Introduction

GABARAP is a ligand-gated chloride channel that mediates inhibitory neurotransmission. GABARAP is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. GABARAP clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

GABARAP solution (1mg/ml) containing 20mM Tris-HCl pH-8, 0.2M NaCl and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MKFVYKEEHP FEKRRSEGEK IRKKYPDRVP VIVEKAPKAR IGDLDKKKYL VPSDLTVGQF YFLIRKRIHL RAEDALFFFV NNVIPPTSAT MGQLYQEHHE EDFFLYIAYS DESVYGL.

Precautions

GABARAP Human is for research use only and not for use in diagnostic or therapeutic procedures.

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (O95166)