

Recombinant Human GABARAP protein (Fc Chimera) ab191929

製品の詳細

製品名	Recombinant Human GABARAP protein (Fc Chimera)
精製度	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>Q6IAW1</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMKFVYKEEHPFEKRRSEGEKIR KKYPDRV VIVEKAPKARIGDLDDKKYLVPDLTVGQFYFLIRKRIHLRA EDALFFV NNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESQVGLVDDIE GRMDEPKS CDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTC VVVDVSHE DPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEY KCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKN QVSLTCLV KGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLT VDKSRWQQ GNVFSCSVMEALHNHYTQKSLSLSPGK
予測される分子量	43 kDa including tags
領域	1 to 116
タグ	His tag N-Terminus , Fc tag C-Terminus
配列の追加情報	Fused with a FC tag at the C terminus.

特性

Our **Abpromise guarantee** covers the use of **ab191929** 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	SDS-PAGE HPLC
製品の状態	Lyophilized
前処理および保存	
保存方法および安定性	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Reconstitute for long term storage. pH: 7.00 Constituents: 20% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 79% Phosphate Buffer
関連情報	
機能	Ubiquitin-like modifier that plays a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton. Involved in apoptosis. Involved in autophagy. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.
組織特異性	Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.
配列類似性	Belongs to the ATG8 family.
翻訳後修飾	The precursor molecule is cleaved by ATG4B to form the cytosolic form, GABARAP-I. This is activated by APG7L/ATG7, transferred to ATG3 and conjugated to phospholipid to form the membrane-bound form, GABARAP-II.
細胞内局在	Endomembrane system. Cytoplasm, cytoskeleton. Golgi apparatus membrane. Cytoplasmic vesicle, autophagosome. Largely associated with intracellular membrane structures including the Golgi apparatus and postsynaptic cisternae. Colocalizes with microtubules (By similarity). Localizes also to discrete punctae along the ciliary axoneme (By similarity).

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

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