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32-18393: Human GAL Protein, hFc Tag

Uniprot ID : P22466
Alternative Name : ETL8; GALN; GLNN; GMAP; GAL-GMAP

Description

Description : Recombinant human GAL Protein with C-terminal human Fc tag
Background : This gene encodes a neuroendocrine peptide that is widely expressed in the central and peripheral nervous systems and also the gastrointestinal tract, pancreas, adrenal gland and urogenital tract. The encoded protein is a precursor that is proteolytically processed to generate two mature peptides: galanin and galanin message-associated peptide (GMAP). Galanin has diverse physiological functions including nociception, feeding and energy homeostasis, osmotic regulation and water balance. GMAP has been demonstrated to possess antifungal activity and hypothesized to be part of the innate immune system.
Molecular Characterization: mass of 37.6 kDa after removal of the signal peptide. The apparent molecular mass of GAL-hFc is approximately 35-55 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

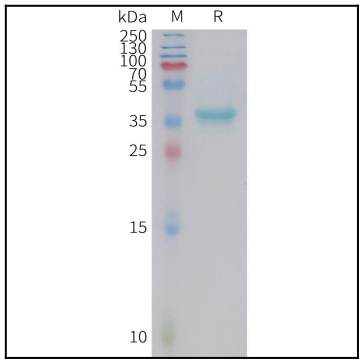


Figure 1. Human GAL Protein, hFc Tag on SDS-PAGE under reducing condition.

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