

PRODUCT INFORMATION

GAL **Target**

ETL8; GALN; GLNN; GMAP; GAL-GMAP **Synonyms**

Recombinant human GAL Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P22466 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

GAL(Ala20-Ser123) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

37.6 kDa after removal of the signal peptide. The apparent molecular mass of GAL-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at

ambient temperature.

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

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proteolytically processed to generate two mature peptides: galanin and galanin message-associated peptide (GMAP). Galanin has diverse physiological functions including nociception, **Background** 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. [provided by RefSeq, Jul 2015]

Usage Research use only Conjugate Unconjugated



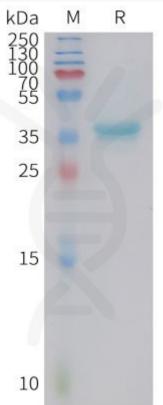


Figure 1. Human GAL Protein, hFc Tag on SDS-PAGE under reducing condition.



