PRODUCT INFORMATION

Target	FSHB
Synonyms	HH24
Description	Recombinant human FSHB Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P01225
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	FSHB(Asn19-Glu129) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of FSHB-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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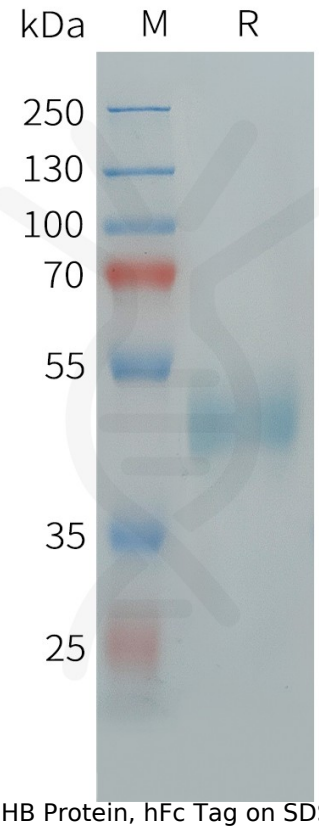


Figure 1. Human FSHB Protein, hFc Tag on SDS-PAGE under reducing condition.

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