

Recombinant Human Ephrin-A4

Cat. No. EFNA4-1610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source Mammalian Cells

Description Ephrin-A4 is a glycoinositol phospholipid membrane anchor containing ephrin found in variety of adult tissue such as kidney, lung, colon and ovary. Ephrin-A4 is a ligand for the erythropoietin-producing hepatocellular (Eph) receptor family of tyrosine kinases. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. Ephrin-A4 encodes an EFNA class ephrin. Ephrin-A4 (s) may play a role in the interaction between activated B lymphocytes and dendritic cells in human tonsils.

Molecular Weight The predicted molecular weight of Recombinant Human Ephrin-A4 is 43.7 kDa. However, the actual molecular weight as observed by migration on SDS Page is 50 kDa.

State Of Matter Lyophilized.

Purity >90% by SDS Page and analyzed by silver stain.

Endotoxin <1.0 EU/g as determined by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name [EFNA4 ephrin-A4 \[Homo sapiens \]](#)

Synonyms EFNA4; ephrin-A4; EFL4; EPLG4; LERK4; MGC125826; ligand of eph-related kinase 4; eph-related receptor tyrosine kinase ligand 4; LERK-4; OTTHUMP00000033237; OTTHUMP00000033238; ephrin A4

Gene ID [1945](#)

mRNA Refseq [NM_005227](#)

Protein Refseq [NP_005218](#)

MIM [601380](#)

UniProt ID [P52798](#)

Chromosome Location 1q21-q22

Pathway Axon guidance

Function transmembrane-ephrin receptor activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA