

## Product datasheet

# Recombinant Human ErbB 3 protein ab73634

### 製品の概要

製品名	Recombinant Human ErbB 3 protein
タンパク質長	Protein fragment

### 製品の詳細

由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

生物種	Human
配列	MRANDALQVL GLLFSLARGS EVGNSQAVCP GTLNGLSVTG DAENQYQTLY KLYERCEVVM GNLEIVLTGH NADLSFLQWI REVTGYVLVA MNEFSTLPLP NLRVVRGTQV YDGKFAIFVM LNYNTNSSHA LRQLRLTQLT EILSGGVYIE KNDKLCHMDT IDWRDIVRDR DAEIVVKDNG RSCPPCHEVC

領域	1 to 190
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### 特性

Our [Abpromise guarantee](#) covers the use of **ab73634** 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 Functional Studies
精製度	> 95 % SDS-PAGE. ab73634 is purified by proprietary chromatographic techniques. Purity: Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
製品の状態	Liquid
備考	For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). ab73634 is supplied as a white semitransparent suspension.

### 前処理および保存

## 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: aluminum hydroxide, arginine, sodium chloride, sodium phosphate buffer and potassium phosphate.

## 関連情報

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### 機能

Binds and is activated by neuregulins and NTAK.

### 組織特異性

Epithelial tissues and brain.

### 関連疾患

Defects in ERBB3 are the cause of lethal congenital contracture syndrome type 2 (LCCS2) [MIM:607598]; also called Israeli Bedouin multiple contracture syndrome type A. LCCS2 is an autosomal recessive neurogenic form of a neonatally lethal arthrogyrosis that is associated with atrophy of the anterior horn of the spinal cord. The LCCS2 syndrome is characterized by multiple joint contractures, anterior horn atrophy in the spinal cord, and a unique feature of a markedly distended urinary bladder. The phenotype suggests a spinal cord neuropathic etiology.

### 配列類似性

Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily. Contains 1 protein kinase domain.

### 発生段階

Overexpressed in a subset of human mammary tumors.

### ドメイン

The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins.

### 翻訳後修飾

Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase.

### 細胞内局在

Secreted and Cell membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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