

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]**Source:** Prokaryotic expression.**Host:** *E. coli***Residues:** Ser484~Val728**Tags:** N-terminal His-Tag**Tissue Specificity:** Intestine, Breast Cancer, Prostate Gland Cancer.**Subcellular Location:** Secreted, Cell membrane; Single-pass type II membrane

protein. Apical cell membrane; Cell projection, invadopodium membrane;

lamellipodium membrane.

Purity: >98%**Traits:** Freeze-dried powder**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM

DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL**Applications:** Positive Control;Immunogen;SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.4**Predicted Molecular Mass:** 29.0kDa**Accurate Molecular Mass:** 29kDa as determined by SDS-PAGE reducing conditions.**[USAGE]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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SSVNDKG LRVLEDNSAL
DKMLQNVQMP SKKLDFIILN ETKFWYQMIL PPHFDKSKKY PLLLDVYAGP
CSQKADTVFR LNWATYLAST ENIIVASFDG RGGYQGDKI MHAINRRLGT
FEVEDQIEAA RQFSKMGFVD NKRIAIWGS YGGYVTSMLV GSGGVFKCG
IAVAPVSRWE YYDSVYTERY MGLTPEDNL DHYRSTVMS RAENFKQVEY
LLIHGTADDN VHFQQAQIS KALVDVGV

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[IDENTIFICATION]

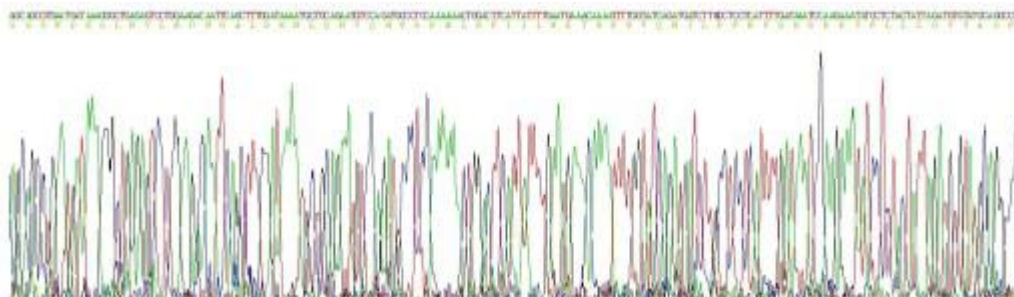


Figure 1. Gene Sequencing (Extract)

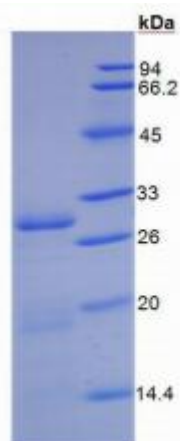


Figure 2. SDS-PAGE