

## Recombinant Human ARM CX2, GST-tagged

Cat. No. ARM CX2-9872H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human ARM CX2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**Protein Length** C-term-300a.a.

**Description** This gene encodes a member of the ALEX family of proteins and may play a role in tumor suppression. The encoded protein contains a potential N-terminal transmembrane domain and a single Armadillo (arm) repeat. Other proteins containing the arm repeat are involved in development, maintenance of tissue integrity, and tumorigenesis. This gene is closely localized with other family members, including ALEX1 and ALEX3, on the X chromosome. Two alternative transcripts that encode the same protein but differ in the 5' UTR have been described. Additional alternative transcripts may exist but their full length natures have not been determined. A pseudogene for this locus is located on chromosome 7.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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## GENE INFORMATION

**Gene Name** [ARMCX2 armadillo repeat containing, X-linked 2 \[ Homo sapiens \]](#)

**Official Symbol** [ARMCX2](#)

**Synonyms** [armadillo repeat containing, X-linked 2](#); [arm protein lost in epithelial cancers, X chromosome, 2](#); [ALEX2](#); [armadillo repeat protein ALEX2](#); [KIAA0512](#); [armadillo repeat-containing X-linked protein 2](#); [ARM protein lost in epithelial cancers on chromosome X 2](#); [Protein ALEX2](#)

**Gene ID** [9823](#)

**mRNA Refseq** [NM\\_014782.5](#)

**Protein Refseq** [NP\\_055597.1](#)

**MIM** [300363](#)

**UniProt ID** [Q7L311](#)

**Chromosome Location** [Xq21.33-q22.2](#)

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