

## Active Recombinant Human EMR2 Protein, His-tagged

Cat. No. EMR2-673H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EMR2 (Accession # NP_038475) Gln24-Gln478, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Gln24-Gln478
<b>Predicted N Terminal</b>	No results obtained: Gln24 predicted
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. Stacey, M. et al. (2003) Blood 102:2916.rhEMR2 immobilized at 2 µg/mL, 100 µL/well, will mediate >45% NIH/3T3 cell adhesion (1 x 10 <sup>5</sup> cells/well).
<b>Molecular Mass</b>	Recombinant Human EMR2, His-tagged has a calculated MW of 50.5 kDa (monomer). In SDS-PAGE migrates as 80-105 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	EMR2 egf-like module containing, mucin-like, hormone receptor-like 2 [ Homo sapiens ]
<b>Official Symbol</b>	EMR2
<b>Synonyms</b>	EMR2; egf-like module containing, mucin-like, hormone receptor-like 2; egf like module containing, mucin like, hormone receptor like sequence 2; EGF-like module-containing mucin-like hormone receptor-like 2; CD312; EGF-like module receptor 2; egf-like module containing, mucin-like, hormone receptor-like sequence 2; DKFZp781B135;
<b>Gene ID</b>	30817
<b>mRNA Refseq</b>	NM_013447
<b>Protein Refseq</b>	NP_038475
<b>MIM</b>	606100
<b>UniProt ID</b>	Q9UHX3
<b>Chromosome Location</b>	19p13.1

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