

Active Recombinant Human EMR2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	Gln24-Gln478
Predicted N Terminal	No results obtained: Gln24 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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 ⁵ cells/well).
Molecular Mass	Recombinant Human EMR2, His-tagged has a calculated MW of 50.5 kDa (monomer). In SDS-PAGE migrates as 80-105 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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months (-70°C).

GENE INFORMATION

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

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