

## Product datasheet for TP507309

### Esrrg (NM\_011935) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse estrogen-related receptor gamma (Esrrg), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR207309 representing NM\_011935  
**Red**=Cloning site **Green**=Tags(s)

MDSVELCLPESFSLHYEEELLCRMSNKDRHIDSSCSSFIKTEPSSPASLTDSVNHHSPPGGSSDASGSYSS  
TMNGHQNGLDSPPLYPSAPILGGSGPVRKLYDDCSSTIVEDPQTKCEYMLNSMPKRLCLVCGDIASGYHY  
GVASCEACKAFFKRTIQGNIEYSCPATNECEITKRRRKSCQACRFMKCLKVGMKLEGVRLDRVRGGRQKY  
KRRIDAENSPYLNQQLVQPAKKPYNKIVSHLLVAEPEKIYAMPDPTVPDSDIKALTTLCDLADRELVII  
GWAKHIPGFSTLSLADQMSLLQSAWMEILILGVYRSLSFEDLVYADDYIMDEDQSKLAGLLDLNAIL  
QLVKKYKSMKLEKEEFVTLKAIALANSDSMHIEDVEAVQKLQDVLHEALQDYEAGQHMEDPRRAGKMLMT  
LPLLRQTSTKAVQHFYNIKLEGKVPMHKLFLEMLEAKV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 51.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_036065](#)

**Locus ID:** 26381



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UniProt ID: [P62509](#)

RefSeq Size: 5280

Cytogenetics: 1 H5- H6

RefSeq ORF: 1374

Synonyms: ERR3; Errg; mKIAA0832; NR3B3

**Summary:** Orphan receptor that acts as transcription activator in the absence of bound ligand. Binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements. Induces the expression of PERM1 in the skeletal muscle. [UniProtKB/Swiss-Prot Function]