

## Product datasheet for TP525753

### Esrra (NM\_007953) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse estrogen related receptor, alpha (Esrra), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225753 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSSQVWGIEPLYIKAEPASPDSPKGSSETETEPVTLASGPAPARCLPGHKEEDGEGAGSGEQGSGKLV LSSLPKRLCLVCGDVASGYHYGVASCEACKAFFKRTIQGSIYSCPASNECEITKRRRKACQACRFTKCL RVGMLKEGVRLDRVRGGRQKYKRRPEVDLPFPGPFPAGPLAVAGGPRKTAPVNALVSHLLVWEPEKLYA MPDPASPDGHLPAVATLCDLFDREIVVTISWAKSIPGFSSLSLSDQMSVLQSVWMEVLVLGVAQRSLPLQ DELAFAEDLVLDEEGARAAGLGD LGAALLQLVRRQLALRLEREYVLLKALALANSDSVHIEDAEAVEQL REALHEALLEYEAGRAGPGGGAERRRAGRLLLTPLLRQTAGKVLAHFYGVKLEGKVPMHKLFLEMLEAM MD</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	45.5 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:	<u><a href="#">NP_031979</a></u>
Locus ID:	26379



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UniProt ID: [O08580](#)

RefSeq Size: 2264

Cytogenetics: 19 5.08 cM

RefSeq ORF: 1269

Synonyms: Err1; ERRalpha; Estrra; Nr3b1

**Summary:** Binds to an ERR-alpha response element (ERRE) containing a single consensus half-site, 5'-TNAAGGTCA-3'. Can bind to the medium-chain acyl coenzyme A dehydrogenase (MCAD) response element NRRE-1 and may act as an important regulator of MCAD promoter. Binds to the C1 region of the lactoferrin gene promoter. Requires dimerization and the coactivator, PGC-1A, for full activity. The ERRalpha/PGC1alpha complex is a regulator of energy metabolism. Induces the expression of PERM1 in the skeletal muscle (By similarity). [UniProtKB/Swiss-Prot Function]