

## Recombinant human adult T cell leukemia derived factor (rADF)—r human Thioredoxin

CATALOG NUMBER:	A113
SOURCE:	Recombinant protein produced in <u>E. coli</u> .
FORM:	Lyophilized powder
PURITY:	> 95% by SDS-PAGE
SPECIFIC ACTIVITY:	> 3 U/mg protein (at 25°C and pH 7.5)
ADDITIONAL INFORMATION:	In the search for a possible mechanism of Interleukin 2 receptor alpha chain (IL-2Ra)/p55 (Taq) induction in adult T cell leukemia (ATL), a soluble factor responsible for this receptor abnormality was discovered by Teshigawara et al. The factor called ATL-derived factor (ADF) enhanced the IL-2Ra expression on some lymphocytes. After gene cloning, ADF proved to be the human homologue of di-thiol-related reducing enzyme thioredoxin.
STORAGE:	-20° long term
PRECAUTION:	Avoid moisture as it may cause the oxidative inactivation of recombinant human TRX activity.
INTENDED USE:	For Research Use Only. Not intended for diagnostic use. Suitable for use in immunoassay development or other applications.
REFERENCE:	Teshigawara K, Maeda M, Nishino K, et al: J. Mol. Ccell. Immun., 2, 17-26 (1985)